

### Water Wisely

It is tempting to water your plants or garden daily during warm weather, but this can result in plants with shallow root systems that are water dependent and unable to cope with drought.

Deep, less frequent watering can result in deep root systems and allows the soil surface to dry between watering. A dry soil surface prevents many fungal diseases from spreading, and discourages moisture-loving pests such as slugs and sow bugs.

Watering requirements should be adjusted throughout the growing season, as warmer temperatures may require more frequent watering; longer, deeper watering -- or both. Be sure to water the entire root zone. Dry, surrounding soil can wick the water away from the plants roots. To retain soil moisture, a thick layer of mulch can be applied around the plants (keeping it slightly away from the plant stems to avoid stem rot).

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**This is Issue 5 of 9 of our 2014 Gardening Catalog Series  
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DETAILS PAGES 9 & 11**

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PEACEFUL VALLEY NURSERY  
GRASS VALLEY, CA**

# Watering

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**Issue 5 of 9 • 2014 Gardening Catalog Series • Collect them all or browse online!**



# Water Is Essential



Only the Best!

## Hoses

### Element Lead-Free Industrial/Home Hose

The Element™ Industrial/Home line of hoses are ideal for the family or pro looking for a high performance 5/8" hose. This drinking water-safe-hose meets the lead-free standard under the Federal Safe Drinking Water Act, meets California's strict standards on the phthalate content allowed for children's toys and has an NSF 61 approved silver-based, anti-microbial compound incorporated into the lining of the hose that inhibits the growth of bacteria and mold in any standing water left in the hose. The Industrial/Home line offers patented, heavy duty, lead-free brass male and female couplings. This hose with Duraflow Technology has a 500+ PSI burst strength and is UV stabilized to maximize longevity. Comes with a limited Lifetime Warranty. Made in the USA.



**WHO300 5/8" X 50' HOSE (8 lb) .....\$39.99**

**WHO305 5/8" X 75' HOSE (11 lb).....\$49.99**

**WHO310 5/8" X 100' HOSE (15 lb) ..... \$69.99**

### Gilmour Flexogen Garden Hose

"The Last Hose You'll Ever Buy". Rugged, reinforced with tough polyester cords and has a 500 lb burst strength. Couplings are heavy gauge, crush-resistant brass. Lightweight, kink resistant, and flexible, even in cold weather. Manufacturer offers a free lifetime replacement (sorry, does not apply to commercial use). Label states these should not be used for drinking.

**WHO095 5/8" X 25' HOSE (5 lb) .....\$19.99**

**WHO100 5/8" X 50' HOSE (8 lb)..... \$34.99**

**WHO105 5/8" X 75' HOSE (12 lb).....\$49.99**

**WHO110 5/8" X 100' HOSE (15.5 lb)..... \$69.99**



### REVIEW Finally! Lead-Free!

As an organic gardener, I obsess about what goes into my soil, where my seeds come from, and the quality of my water. I've always used a dechlorinator, but I've been unable to find a lead-free hose until now. It makes sense to use drinking quality water for growing and washing my organic produce. Thank you, thank you for finding this product!  
Review by Amber

### Element Lead-Free Pure And Simple Hose

The Element™ Pure & Simple line of hoses are ideal for the family looking for a drinking-water-safe hose. It is bright blue, lightweight and easy to handle. This hose meets the lead-free standard under the Federal Safe Drinking Water Act, meets California's strict standards on the phthalate content allowed for children's toys, and has an NSF 61 approved silver-based, anti-microbial compound incorporated into the lining of the hose that inhibits the growth of bacteria and mold in any standing water left in the hose. The Pure & Simple line offers stainless steel male and female couplings. The female end comes with a spring guard and the male end has a rugged collar sleeve for comfort when watering. This hose with Duraflow Technology has a 400+ PSI burst strength and is UV stabilized to maximize longevity. Comes with a limited Lifetime Warranty. Made in the USA.



**WHO320 5/8" X 50' HOSE (7.5 lb) .....\$39.99**



## Hoses & Reels

### Claber Rotoroll Automatic

Rewind your hose in a snap! This automatic hose reel has an exclusive patent, the SoftBlock® System, that locks the hose when it's dropped or rewinds too quickly. This system helps ensure personal safety and protects against damage to plants and flowerbeds, wear and tear on fittings, failure of internal parts and casing, and defective running and locking action.

This unit comes with 33' of 1/2" hose set in a molded glass fiber reinforced plastic housing, with an anti-friction surface, that is shockproof, weather resistant and UV stabilized. The 3 layer braided hose is treated to make it easy to move and rewind as well as resistant to high water pressures. (bursting pressure 445 psi, working pressure 145 psi). Equipped with a rust proof aluminum wall bracket that swivels 180° allowing the hose to be unrestricted from any angle. Includes 6.5' of lead hose, "Quick Click" connectors, a spray nozzle, screws and masonry plugs for wall mounting.

**WH0253 AUTOMATIC 33' HOSE** (26 lb) .....\$129.00

**WH0254 AUTOMATIC 66' HOSE** (32 lb) .....\$169.00



### Claber Aquapass Hose Reel With 50' Hose

Constructed in ABS plastic material as well as aluminium/stainless steel, weather resistant and UV stabilized. The Aquapass has the ability to feed water through the hose when partially or completely wound. Wall mountable or portable; the lightweight, high impact construction and practical handle allow you to carry this hose reel where needed. Ideal for lawns and gardens, or when camping or boating. Includes 50' of 1/2" hose, 5' connector hose, Quick-Click® couplings, spray nozzle and wall bracket.

**WH0251 REEL & 50' HOSE** (12 lb) .....\$59.99



### Claber Spiral Hose Kit 33 Ft Hose

With their ergonomic design, Claber nozzles have for years set the standards of practicality and reliability. This range of products makes looking after your plants even more enjoyable and convenient. Made of thermoplastic polyurethane compound, the hose has excellent flexibility properties and good abrasion and kink resistance. The hose will handle an environmental temperature as low as -4° up to 158° and water pressure up to 116 PSI. The Kit includes: 33 ft. of coil hose, spray pistol with waterstop connector, interchangeable aerator spray head, wall mount, hose-end connectors, standard and utility faucet connector. See Claber "Quick Click Connectors" pg. 6.

**WH0250** (3.75 lb) .....\$49.99



## You Might Also Be Interested In

### Brass Garden Hose Ball Valve

Solid brass. 3/4" female hose thread (FHT) x 3/4" male hose thread (MHT) ball valve shut-off. Great for drip systems, and excellent for hose setups too, like between the hose and a watering wand or sprinkler.

**IRH730** (.24 lb) .....\$12.99

**10+** .....10% off



### Plastic Shut Off 3/4" Hose/Irrigation

3/4" female x 3/4" male hose thread plastic ball valve shut-off. Great for drip systems, and excellent for hose setups too, like between the hose and a watering wand or sprinkler.

**IRH320** (0.1 lb) .....\$2.29



**A**

**B**

**C**

### Gilmour Metal Hose Couplers

With premium construction for maximum strength and durability, Gilmour menders and couplings are the strongest available for rubber or plastic 5/8" hose. Patented impact-resistant clamp design. Non-corroding high grade stainless steel screws will not strip when tightened. Leakproof, reusable.

**A | IRH925 MALE** (0.5 lb) . . . \$5.99

**B | IRH930 FEMALE** (0.5 lb) . . \$6.99

**C | IRH935 MENDER** (0.75 lb) \$8.99



### Hose Saver

Prevents wear and tear of hoses at the faucet outlet. Pack of 2.

**WH0224 2 PACK** (0.5 lb) . . . \$11.99

### More product info online

The online home of Peaceful Valley  
**GrowOrganic.com**



# Premium Quality Sprinklers

## ColorStorm™ Spinning Sprinkler

Ideal for 'well' systems with low water pressure, this sprinkler works well with water pressures between 20 and 80 psi. Even with low pressure, it creates a very uniform spray pattern covering an area up to 38' in diameter. The ColorStorm™ Spinning Sprinkler head atomizes water into fine droplets for less water usage and thorough watering. Made on a heavy-duty metal stationary base for stability and has a molded hook for easy storage. Comes in six vibrant colors: red, orange, yellow, green, blue and berry. We choose color.

**WOT340** (1.5 lb) ..... **\$19.99**



**Works great with low water pressure!**

## Gilmour Pattern Master

Create your own watering pattern. Most lawns or gardens are not perfect circles. This ingenious impulse sprinkler allows you to create your own watering pattern. You can adjust it to water any shaped yard. It has a patented design with a programming disc that allows you to easily adjust up or down at 12 points within a single rotation. By pushing up on the red plastic ring from underneath at any of the 12 points, you can reduce the distance of the spray. Push down from the top for maximum distance. You can also adjust the pattern to be full circle or any portion of a circle. Maximum water coverage is up to 5800 sq ft (86' diameter). Impact resistant, rustproof polymer construction with a durable, sled base to provide stability. Comes with a lifetime replacement policy (industrial or commercial users are excluded).

**WOT573** (1.75 lb)..... **\$23.99**



**Create Your Own Sprinkler Pattern! Up to 5800 sq. ft.**

Adjust spray with the 12 point programming disc.



## Rain Tower Sprinkler

Great heavy-duty, large area sprinkler! Two height settings, 4 ft. or 6 ft., 25–50 PSI (35 PSI is optimal), at 35 PSI, 40' radius of spray. Metal impulse sprinkler head for uniform coverage of up to 5000 sq. ft. Tripod base prevents tipping with 54" leg diameter. Connects to normal hose and collapses for easy storage. Made of heavy-duty, galvanized steel. 2-year manufacturer's warranty.

**WWW150** (12 lb) 4 can ship together .... **\$79.99**

**WWW151 REPLACEMENT HEAD** ..... **\$24.99**

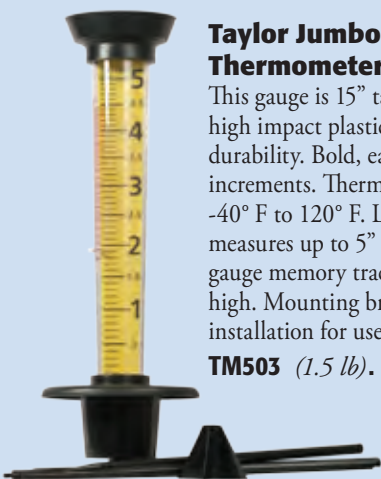
Let It Rain

## Measure

### Taylor Jumbo Rain Gauge and Thermometer

This gauge is 15" tall with a 1.75 wide clear, high impact plastic construction for outdoor durability. Bold, easy-to-read measurement increments. Thermometer accurate from -40° F to 120° F. Large readout rain gauge measures up to 5" of rain. Unique rain gauge memory track. Can stand up to 4 feet high. Mounting bracket is included for easy installation for use in garden, lawn, or farm.

**TM503** (1.5 lb)..... **\$13.99**



### Taylor Wireless Rain Gauge & Thermometer

Monitor rain or sprinkler levels and temperatures from in the house. Track hourly, daily, weekly and monthly rainfall levels. See full description on pg. 35.

**TM504** (1.25 lb)..... **\$34.99**



### Taylor Rain Gauge

This durable, easy-to-read gauge is made of clear butyrate. It is 12" tall with a collector opening 2" in diameter and 5" rain capacity. It comes with mounting bracket and instructions.

**TM501** (1 lb) ..... **\$11.99**



### A | Claber Turbospike Sprinkler

Stationary ABS plastic, UV stabilized spike sprinkler delivers a circular, natural, rain-like shower. Area coverage is up to 430 sq. ft. that is perfect for general watering and ideal for flowerbeds, gardens, and newly seeded lawns. Works effectively with water pressure as low as 14.5 PSI up to 58 PSI. Area Coverage up to 430 sq. ft.

**WOT466** (.25 lb) .....\$7.99

### B | Claber Impact Jet Spike Pulsating Sprinkler

Pulsating sprinkler allows for a full or partial circular spray patterns from 20° to 360°. Constructed for trouble-free performance with ABS, UV stabilized plastic. A double-pronged, rustproof ground spike also ensures stability. Adjust the diffuser screw to increase arm speed. Adjust water flow by simply turning the orange knob on the top. The long-reach water jets are ideal for irrigating wide-open areas. Works effectively with water pressure as low as 14.5 PSI up to 58 PSI. Area Coverage up to 4,273 sq. ft.

**WOT468** (1 lb) .....\$19.99

### C | Claber Compact 160 Oscillating Sprinkler

Traditional style oscillating sprinkler provides uniform coverage with natural rain effect for lawns, landscaping, or narrow areas. Control knob selects one of the 4 easy-to-set watering patterns that come with many intermediate steps. Works effectively with water pressure as low as 14.5 PSI up to 58 PSI. Area Coverage up to 1,948 sq. ft. (53 ft. x 36 ft.)

**WOT467** (1 lb) .....\$14.99

### D | Claber Compact 20 Oscillating Sprinkler

Easy to set oscillating sprinkler with 5 preset water settings provides uniform coverage for lawns or gardens. The eight end nozzles (4 on each end) of the spray bar can be shut off for even more narrow coverage, and sprinkler arm is removable for inspection and/or cleaning of the sprinkler. The unit is complete with hydraulic motor and self-lubricating, non-wearing acetal resin gears. Large diameter turbine offers high performance even with low water pressure. Works effectively with water pressure as low as 14.5 PSI up to 58 PSI. Area Coverage up to 3,445 sq. ft. (63 ft x 55 ft)

**WOT469** (2.5 lb) .....\$31.99

### E | Gilmour Extra Large Coverage Metal Sprinkler

Extra-large water jet. Water coverage up to 8500 sq. ft. (106 ft. diameter), long-lasting metal head construction, heavy-duty die cast metal base construction, three-prong spike with extra-wide foot step, trip levers for full or partial coverage with reversing full-circle setting, deflector dial to set distance, patented impulse arm saves water by eliminating back and side splash, diffuser screw with easy fingertip adjustment of water stream for even coverage, sprinkler head has ¾" NPT connection to base.

**WOT574** (3.35 lb) .....\$39.99

### F | Rainforest Sprinkler On 24" Riser w/Spike

The "Rainforest" sprinkler head is made from the highest grade plastic with only one moving part so it will last for years. It produces a unique fine rain/mist effect spray that will not harm small plants & seedlings and is equally as effective for watering a garden or any size lawn. Rainforest sprinklers are used by home gardeners, commercial greenhouses and in orchards and tree farms. The uniform coverage is fully controllable from the faucet and will cover from a small 20 sq. ft. area up to an incredible 1900 sq. ft. on high pressure. Ready to attach to hose, two-way spike base, 24" sch. 80 PVC riser, ideal for shrubs, trees, tall veggies & large lawns.

**WOT902** (3 lb) .....\$24.99





Forget Unscrewing The Hose - It's Easy With

## Claber "Quick-Click" Connectors



ITALIAN MADE

Claber faucet connectors enable you to create independent outlets and have easy water access to your balcony and patio. Designed to handle high and low water pressure, they are ideal for indoor and outdoor applications such as filling an aquarium, watering hanging baskets, or simply irrigating a lawn. Performs with outdoor temperatures of up to 140° and water temperature ranging from 32° to 120°. ABS plastic construction is UV stabilized and weatherproof.



### REVIEW Practical "Quick-Click"

I discovered the Quick-Click by accident. I'd seen similar products on the market and thought they were a joke, but when visiting a friend, I actually used them and discovered how amazingly EASY it is to disconnect a hose, attach a different nozzle, etc. and have now outfitted my whole yard with these very practical helpers. Review by Jim

### Claber Waterstop Hose End Connector

Converts twist-on threaded connections to a convenient "Quick-Click" snap fit system. Water flow automatically shuts off when sprinkler or nozzle is removed. ABS plastic construction is UV stabilized and weatherproof.

**WOT455** (0.25 lb) ..... **\$3.49**



### Claber Y-Faucet Connector

Simply converts an outdoor faucet into 2 independent outlets, each with separate, and easy to turn, shut-off control knob. ABS plastic construction is UV stabilized and weatherproof. Ideal to coordinate all of your watering applications that includes drip systems and multiple hose attachments. Also enables use for two water timers.

**WOT460** (0.5 lb) ..... **\$10.99**

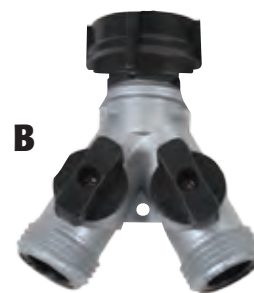


### Claber Water Distributors

Claber faucet connectors enables you to create independent outlets and have easy water access to your balcony and patio. Designed to handle high and low water pressure, they are ideal for indoor and outdoor applications such as filling an aquarium, watering hanging baskets or simply irrigating a lawn. Ideal to coordinate all of your watering applications that includes drip systems and multiple hose attachments. Performs with outdoor temperatures of up to 140° and water temperature ranging from 32° to 120°. Simply converts an outdoor faucet into 2 or 4 independent outlets, each with separate, and easy to turn, shut-off control knob. ABS plastic construction is UV stabilized and weatherproof. Ideal to coordinate all of your watering applications that includes drip systems and multiple hose attachments. Also enables use for two water timers.

**WOT461 2-WAY DISTRIBUTOR** (0.75 lb) ..... **\$18.99**

**WOT462 4-WAY DISTRIBUTOR** (1 lb) ..... **\$29.99**



### Gilmour Metal Y-Connectors w/Shut-off

Enables gardener to connect two hoses or use the hose spigot without removing the drip irrigation system. Shuts off each connection separately. Dual shut-off valve controls water flow. Heavy-duty aluminum construction, easy-on swivel connector assures accurate connection to faucet, withstands hot water temperatures. "Full Flow" connector allows more performance from sprinklers and nozzles (45% more water flow than regular connector) and has extra-large handles for easy grip and turn. (FHT x MHT)

**A | FULL FLOW** IRH951 (0.8 lb) ..... **\$11.99**

**10+** ..... **10% OFF**

**B | REGULAR FLOW** IRH950 (0.5 lb) ..... **\$7.99**

**10+** ..... **10% OFF**



**\$11.99 FLAT RATE SHIPPING**

per 40 lb box. See pg. 9 for details.  
through 4/30/2014

### Claber Quick Connect w/Aerator

This connector enables you to easily attach a hose to an indoor kitchen, laundry, bathroom faucet. The nickel plated brass adapter makes it suitable for taps with both male internal threads (0.87-inch diameter) and female external threads (0.95-inch diameter). The adapter comes complete with built-in metal aerator that can be left installed if desired. The lever clamp mechanism enables a fast connection/release of the quick-click coupler from the the hose. Handles water temperature up to 104-degree fahrenheit. Pressure tested for leaks at 145 psi.



**WOT473** (0.25 lb) .....\$13.99

### Claber Faucet To Hose Connector Set

Converts a faucet and hose-end to a convenient "Quick-Click" snap fit system. ABS plastic construction is UV stabilized and weatherproof.

**WOT456** (0.25 lb) .....\$3.99



### Claber Koala Indoor Faucet Connector

Converts a household faucet to enable use of any standard garden hose. Easily attaches to most long neck kitchen and/or utility faucets. Easy to install, no tools required. Ideal to fill aquariums or waterbeds, or to water patio plants.

**WOT459** (0.55 lb) .....\$8.96



### Claber Male Threaded Hose Connector

Converts garden hoses to a convenient "Quick-Click" snap fit system. ABS plastic construction is UV stabilized and weatherproof.

**WOT453** (0.25 lb) .....\$2.99



### Claber Threaded Outdoor Faucet Connector

Easily attaches to outdoor faucet to allow use with "Quick-Click" snap fit connectors.

**WOT451** (0.25 lb) .....\$1.99



### Claber Threaded Accessory Connector

Easily attaches to any lawn sprinkler or spray nozzle to allow use with convenient "Quick-Click" snap fit connectors. ABS plastic construction is UV stabilized and weatherproof.

**WOT450** (.25 lb) .....\$1.99



**Find Quick-Click  
Timer on pg. 13 & Nozzles on pg. 10**

### Claber Mid Hose Repair Kit

Repairs holes and/or leaks to the mid section of any standard 5/8" garden hose. No tools required for assembly. ABS plastic construction is UV stabilized and weatherproof.

**WOT454** (.25 lb) .....\$3.49



### Claber Hose Extension Joint

This coupling allows for easy connection of two garden hoses for extending hose lengths.

**WOT452** (0.25 lb) .....\$2.49



### Claber Female Hose End Repair Kit

Replaces damaged brass female threaded couplings and converts to a convenient "Quick-Click" snap fit system. Fits any standard 5/8" garden hose and outdoor faucet. No tools required for assembly. ABS plastic construction is UV stabilized and weatherproof.

**WOT457** (0.25 lb) .....\$4.99



### Claber Hose or Sprinkler Connector Set

Converts male threaded hose-ends of any sprinkler or spray nozzle to a convenient "Quick-Click" snap fit system. ABS plastic construction is UV stabilized and weatherproof.

**WOT458** (.25 lb) .....\$4.99





From a Fine Mist to a Jet Stream

## Wands

### Dramm Watering Wand Heavy Duty Aluminum

This reasonably long wand is easy to handle, and is designed to use with Dramm's heads. The simple, lightweight but sturdy aluminum design has been a staple for commercial growers since it was invented. The comfort rubber grip, full flow for quick watering, professional grade materials, and a lifetime guarantee make it especially nice in a garden setting of any size. Made in the U.S.A. Contains lead. We recommend using with any of the 3 Dramm heads we carry.

**WOT3216 16"** (.5 lb) ..... **\$8.99**

**WOT3236 36"** (.75 lb) ..... **\$10.99**



### Heads for Dramm Watering Wand

#### Dramm 400 Aluminum Water Breaker

The longtime professional growers' standard. The original full-flow shower head nozzle. Dramm 400 Aluminum Water Breaker provides fast, full-flow watering without damaging to your plants or disturbing soil. Used and recommended daily by professional growers worldwide. Cast aluminum and hand machined with 3/4 inch brass hose threads. Invented, designed and manufactured in the U.S.A. since 1945. Contains lead.

**WOT314** (.5 lb) ..... **\$18.99**



#### Dramm 1000 PL Redhead Water Breaker

A wonderful new addition to the line of the professional growers' standard, the 1000PL Redhead water breaker has over 1,000 micro holes that create an ultra-soft flower shower that will not disturb delicate soil or harm tender plants. Made in US from ABS plastic and stainless steel.

**WOT311** (.25 lb) ..... **\$13.99**



#### Dramm Kaleidoscope 7 Pattern Spray Head

Professional quality materials, including the protective and easy-grip rubber bumper surrounding the dial in this 7-pattern sprayhead.

**WOT337** (.25 lb) ..... **\$7.99**



#### Dramm Fog-It Nozzles

Machined, all-brass nozzle breaks the water into a fine fog which lays a gentle dew on soil and seedlings. Superfine nozzle is excellent for watering soil blocks. Works effectively with high or low pressure and fits standard garden hose threads.

**WOT305 SUPERFINE (1/2 GPM)** (1 lb) ..... **\$9.99**

**WOT300 LOW VOLUME (2 GPM)** (1 lb) ... **\$9.99**

**WOT302 HEAVY SPRAY (4 GPM)** (1 lb).... **\$9.99**



## On The Cover

Linnie uses the Dramm watering wand throughout our nursery! Peaceful Valley's nursery specializes in edibles, perennials, water wise plants, California natives and deer resistant plants for our local clientele. We also have organic veggie and herb starts for fall or spring planting. In bare root season we have over 100 varieties of fruit trees as well as perennials like rhubarb, asparagus, artichokes, berries and grapes. Come and see us in Grass Valley, California!



### Claber Watering Wand

Soft, gentle spray. Long aluminum extension to reach into flower beds or hanging plants. Waterstop hose end connector included. No rust shower head. Non slip handle with regulating valve built in. Overall length is 25".

**WWW140** (.55 lb) ..... **\$20.99**

### Gilmore Bubbler

Metal Bubbler makes it easy to do delicate watering. Screw the Bubbler onto your hose and place it near your plants. Water will gently soak into the ground with minimal erosion. The Bubbler also waters delicate plants that will not tolerate direct spray.

**WOT570** (0.25 lb) ..... **\$7.99**



### Plastic Shut Off 3/4" Hose/Irrigation

3/4" female hose thread (FHT) x 3/4" male hose thread (MHT) plastic ball valve shut-off. Great for drip systems, and excellent for hose setups too, like between the hose and a watering wand or sprinkler. Assembling your own system allows you the flexibility to design your setup for your needs.

**IRH320** (0.1 lb) ..... **\$2.29**

**10-49 .10% off 50-99 .20% off 100+ .25% off**



# You can ship a lot more with us for one low flat rate than with the USPS!

Peaceful Valley's flat rate shipping is **\$11.99 per box** weighing 40 lbs or less, delivered anywhere in the continental USA.

*USPS just doesn't stack up to that!*



**Our online shopping cart will calculate the weight of your items & number of boxes before you place your order!**

(\*)Some exclusions apply:

- **Some items have other flat rate shipping rates** which will take precedence over this offer (ex: \$20 per box for bare root trees, \$10-\$25 for Mini Farmboxes, and a few other select products).

- **Please note that we reserve the right to combine multiple boxes** weighing 40 lbs or less (charged at \$11.99/box) into one larger box weighing more than 40 lbs (without refunding the difference).
- **Some items must ship in their own boxes** (indicated with ships by itself) because they are either: perishable/fragile, oversized/bulky, or they ship directly from the manufacturer.
- **Some items require an additional \$5 handling charge**, due to unusual shipping characteristics, which will be added to \$11.99.
- **Please note that a small handful of items have been disqualified** from flat rate shipping although weighing less than 40 lbs (e.g. bags of compost, potting soil, soil conditioner, etc).
- **Any merchandise that weighs over 40 lbs** by itself or packages of any weight **shipping to AK, HI or PR** will ship based on its weight & zip code using our competitive shipping rates.
- Customers receiving farmer or wholesale pricing are not eligible for flat rate shipping.

**Stock up the farm or get the neighbors together for a bulk order!**

**Pallets delivered to CA for \$99**



Load up a pallet (48" x 40" x 72") with up to 3,000 lbs of merchandise and we'll deliver it almost anywhere in California\* for \$99!

\*Depending on your location, there may be an additional surcharge (eg: super rural).

**We also have very competitive pallet rates outside of California!**

Please select "custom freight quote" during checkout and we'll contact you with a precise freight quote.

**Hurry, offer ends 4/30/14.**

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Since 1976

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Monday - Saturday 9:00-5:00

**April 1 - October 31**

Monday - Saturday 8:00-6:00

**Open Sundays - April 1 - June 30**

Sunday hours 10:00-4:00

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### Tried & True! Customer Favorites

We test every product we carry and only bring you the best quality for your organic farm or garden. Our best selling products are indicated with our OK! symbol throughout the catalog.



### Peaceful Valley Brand

Our company was born out of a desire to provide growers with natural solutions to farming and gardening problems. To this day, we continue to carry that torch and expand our brand of natural and organic solutions for your farm and garden. We are proud to present our branded items to you and believe that you'll find our products to be nothing but the finest quality for your plot and our planet.

Order Toll Free: (888) 784-1722

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## Nozzles

### Claber Plus Spray Nozzle

A full sized version of the traditional twist spray nozzle, with built-in shut-off control knob. Can be adjusted from a tapered, gentle mist to a powerful jet spray by rotating the ergonomic cap of the nozzle. ABS plastic construction is UV stabilized and weatherproof.

**WOT463** (.5 lb) ..... **\$7.99**



#### REVIEW Claber Plus Spray Nozzle

If you need a nozzle that goes from mist to stream with one twist, this is for you! The on/off twist is convenient so you don't have to turn the water off at the source. Claber makes a good quality product and I expect this nozzle to last a while. Review by Katie

### Dramm Pistol™ One Setting Spray Nozzle **NEW**

A sturdy spray nozzle that will be a garden workhorse. Dramm redesigned this with a larger barrel for a more consistent spray pattern and a insulated comfort grip for a better look and feel. Made with heavy-duty metal for a longer life. This has one spray setting. If you want multiple spray settings, use the Dramm Revolver™ 9 Spray Pattern Nozzle.

**WOT355** (.75 lb) ..... **\$9.99**



### Dramm Revolver™ 9 Spray Pattern Nozzle **NEW**

This sturdy nozzle has nine spray patterns: Shower, Fan, Cone, Jet, Mist, Soaker, Flat and Angle. A quick-click pattern change control makes changing the spray simple. Ergonomic insulated grip and heavy-duty metal construction. Lifetime guarantee.

**WOT350** (.75 lb) ..... **\$12.99**



### Claber Precision Spray Nozzle

Spray nozzle with new anatomical rubber grip and convenient front on-off flow button. Rear knob adjusts strength of water jet and cap is rubber lined for protection against impact. Water flow can be adjusted as required, from completely closed (concentrated) to completely open (fan spray).

**WOT464** (.55 lb) ..... **\$17.99**



### Dramm 1 Touch Fan-Shaped Spray Nozzle **NEW**

Fan shaped plastic nozzle has water flow controlled with one touch of your thumb. Heavy duty metal, ergonomic insulated grip in black, with red, orange, yellow, green, blue or purple accent on handle. (We choose the color for you). Lifetime guarantee.

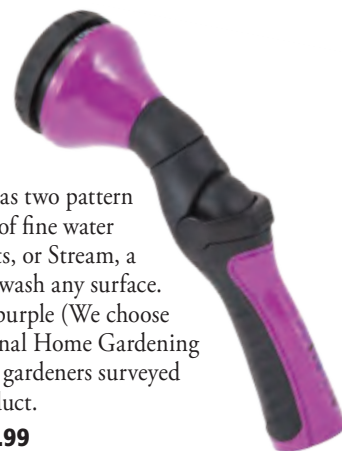
**WOT360** (.75 lb) ..... **\$14.99**



### Dramm 1 Touch Shower & Stream™ Spray Nozzle, Assorted Colors **NEW**

Complete & total water flow control with just one touch of your thumb. Has two pattern options: Shower, for a cascading flow of fine water droplets that will not harm your plants, or Stream, a concentrated jet, powerful enough to wash any surface. In red, orange, yellow, green, blue or purple (We choose the color for you). Received the National Home Gardening Club's Seal of Approval: 9.8 out of 10 gardeners surveyed approved and recommended this product.

**WOT365** (.75 lb) ..... **\$16.99**



#### REVIEW Dramm 1 Touch Shower & Stream

Awesome! In a word this is one of the best watering tools I have ever used. Review by Linnie

### Claber Multi-Jet Pistol

Multifunction spray nozzle with new anatomical rubber grip and convenient front on-off flow button. Rear knob adjusts strength of water jet and rubber lined lock nut protects against impact and opens easily for inspection and cleaning of pistol. Rotate the outer ring on pistol head for 4 different flow types: shower, concentrated, fan spray and mist.

**WOT465** (.75 lb) ..... **\$21.99**



#### REVIEW Using the Pistol

The Claber Multi-Jet Pistol is great. I had never used one with the Quick Connect before and found it to be really useful. It has the 4 basic water flows, which is really all you need. The grip is comfortable and being able to use the constant flow is great. Plus, there's not a lot of extra parts that could break and force you to buy another one. I use mine every night and it makes watering easy and enjoyable. Review by Katie

### Gilmour Metal Power-Flo Nozzle

Lightweight with comfortable rubber grip. Tip cone protects nozzle when dropped on hard surfaces. Adjustable spray including cone, sharp stream and full action patterns. Won't break or leak.

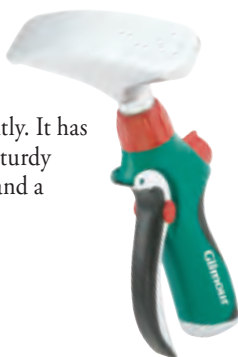
**WOT580** (1.5 lb) .....\$10.99



### Gilmour Metal Fan Spray

This fan spray sprinkles evenly and gently. It has a molded grip for cushioned comfort, sturdy metal construction, flow control lever and a water-saving shut-off valve.

**WOT561** (0.75 lb) ... \$13.99



### Gilmour Comfort Grip Nozzle

#### With 8 Spray Patterns 🖐

This pistol grip style nozzle offers 8 different spray patterns. It has an all metal body and handle with an overmold for comfortable handling, built-in flow control and lock open feature for extended watering.

**WOT563** (1 lb)..... \$15.99



## Watering Cans

### Blue Watering Can

**1L NEW**

Compact and lightweight -- this plastic watering can is your helper for small watering jobs, or those times you need a narrow spout. Great watering can for kids too.

**WWC295** (0.5 lb) ..... \$2.99



### Galvanized Steel Watering Can

**8 QT NEW**

This high quality watering can is durable and made with the strength of steel. It has a vintage, classic look and is better than plastic cans: rodent proof, won't absorb odors, recyclable - made with no oil, weather resistant and won't rust

**WWC405** (2 lb) ..... \$34.99

### REPLACEMENT ROSE

**WWC406** (0.25 lb) .....\$9.99



### Haws Watering Can 6L 🖐

Six liter (approx. 1.5 gal.)

High quality, with heavy-duty plastic body and a strong, durable rose. Comes with a fine oval rose with a brass face and a downspout for watering pots and saucers. Two "parking points" are provided to store the rose and downspout accessories securely when not in use.

**WWC100 CAN** (4 lb) ..... \$34.99

**WWC101 Repl Rose & Downspout** (0.25 lb)... \$6.99



### Child's Watering Can

These colorful 5 1/2" tall metal watering cans come in an assortment of red, green, and blue. We pick the color. Great gift for any gardener in training.

**WWC305** 6" x 11" (1 lb) .... \$9.99



## Free Seeds with Online Orders!

**2 Free Organic Veggie Seed Packs**  
on orders over \$50\* (\$5.98 Value!)

**5 Free Organic Veggie Seed Packs**  
on orders over \$100\* (\$14.95 Value!)

\*Offer valid on in-stock Peaceful Valley Farm & Garden Supply Organic Vegetable Seed Packs on internet orders only through 12/31/14, while supplies last. All online purchases qualify, except Gift Cards. Please note that the \$50 and \$100 thresholds are merchandise subtotal only (excluding sales tax & shipping). Offer limited to one order per week/customer.



**\$11<sup>99</sup> FLAT RATE SHIPPING**

per 40 lb box. See pg. 9 for details.  
through 4/30/2014



# Automate - Use A Timer



**Simplicity and Dependability**

## Mechanical Timers

### Melnor Aqua Mechanical Water Timer **NEW**

Customize your watering time anywhere from 10 minutes to 2 hours. Egg-timer design measures actual watering time rather than water flow. Timer shuts off automatically at the end of a cycle. Compatible with low-pressure drip hoses and soaker hoses. **2 year manufacturer's warranty.** No batteries needed.



**WOT401 (0.5 lb) .....\$14.99**

### Gilmour Mechanical Timer



Set for continuous watering up to 120 minutes. Has full flow outlet for more sprinkler performance. Swivel nut allows for easy connection. Works with water pressure ranging from 15 to 120 PSI. Rubber overmold dial for better gripping. No batteries needed



**WOT526 SINGLE OUTLET (1 lb) .....\$14.99**

**Our mission:**

## Grow Organic . . .

**For a healthy and safe food supply  
For a clean and sustainable environment  
For an enjoyable and rewarding experience**

## . . . For Life!

**Set It & Forget It**

## Electronic Timers

The best investment for any garden! Take the work out of watering and set-up an irrigation system on a timer. Never miss a watering, or over-water, again. You'll never have to worry about your plants getting thirsty, even if you go on vacation!

**Top Quality at  
Unbeatable Prices!**

### Galcon 11000EZ

#### Pre-Programmed Water Timer **NEW**

This user-friendly hose-end controller is ideal for lawns, gardens, or farms of any size. The 11000EZ has a female hose thread inlet and a male hose thread outlet that can be connected to an outdoor faucet or to the end of a garden hose. Features a 3-step programming option which is a breeze to use. One button sets duration - 1 minute to 4 hours; second button sets frequency - every hour to every 7 days. Has a start time delay button that sets the start time cycle. LCD display allows for simple programming using the fixed menu and button controls for setting your irrigation watering duration. Timer has an internal filter installed in the controller. Uses one 9V alkaline battery - sold separately (can last up to 1 year). Has a low battery indicator and is weather resistant. **3 year manufacturer's warranty.** Maximum flow 5.5 GPM; working pressure 6-115 PSI; thread: NH or BSP 3/4"

**WOT1510 (1 lb) .....\$39.99**



### Galcon 11000L Programmable Water Timer **NEW**

The Galcon 11000L is similar to the 11000EZ, it also has a female hose thread inlet and a male hose thread outlet that can be connected to an outdoor faucet or to the end of a garden hose. Features weekly programming with up to 4 start times per day. The duration of irrigation can be set from one minute up to twelve hours. Can be programmed to water any or all days of the week. Timer has an internal filter installed in the controller. Uses one 9V alkaline battery - sold separately (can last up to 1 year). Has a low battery indicator and is weather resistant. **3 year manufacturer's warranty.** Maximum flow 5.5 GPM; working pressure 6-115 PSI; thread: NH or BSP 3/4"

**WOT1505 (1 lb) .....\$39.99**



### **Galcon 7101 Water Timer/Valve** **NEW**

A timer and valve that is packaged in one! The 7101 is a battery operated controller with an inline irrigation control valve and associated DC latching solenoid. Controller is a completely waterproof, user-friendly, battery operated automatic controller. Based on the latest waterproof technology, and specifically developed to perform in all weather conditions for optimal irrigation control, including inside an underground valve box (we do not recommend leaving the controller outside in freezing weather, if it is left outside we recommend strongly to "blow out" the system to make sure that the freezing water will not damage the valve). Ideal for drip and sprinkler systems in home gardens, farms and commercial use. When installing the controller in the irrigation system a filter must also be installed between the main irrigation system valve and the controller. Uses one 9V alkaline battery - sold separately. Working pressure 0.5-8 bar / 7-115 PSI. Thread NPT/BSP: 3/4". **3 year manufacturer's warranty.** Automatic or manual operation. Watering duration from one minute to 12 hours. Weekly programming - up to 4 start times a day. Cyclical programming - every 3 hours to 30 days



**WOT1515 (1.75 lb) ..... \$69.99**

### **Galcon Alternator Valve** **NEW**

The unique Alternator Valve can be used in conjunction with automatic tap timers that have multiple automatic starts or as a stand alone unit. This Alternator Valve is not a timer, and does not require batteries or a power source. It is simply powered by the water moving through it. Place the Alternator Valve downstream of a timer or valve and it will alternate the water flow from one outlet to the next with each timer cycle. It is a simple, inexpensive solution to double the coverage of your drip irrigation system. Allows flows up to 6 gallons per minute per outlet. Operates in a pressure range from 10 to 125 PSI. Low friction polymer construction. Flow switches from outlet 1 to outlet 2 with each timer cycle. Allow one minute of "recovery" time between timer cycles.

**WOT1500 (0.75 lb) ..... \$29.99**

**Independently Water Two Zones with One Timer!**



### **Claber Aquano Video 6 Timer**

With only 3 programming buttons and an easy to read digital screen, this single line timer allows 6 customized watering cycles per day from as little as 1 minute up to 23 hours; 7 days in advance. Weekly and/or manual programs may also be stored in the timer. Functions with operating pressure as low as 1.45 PSI up to 174 PSI. **2 year manufacturer's guarantee.** Operates on one 9V battery (not included).

**WOT471 (1.75 lb) .. \$64.99**



### **Melnor 1 Zone Digital Water Timer** **NEW**

Newly redesigned, this digital timer is quick and easy to program and comes with a large easy to read display. You can set how often you water in hours or days. Automatically water up to 6 times a day. You can also bypass the programming and set to water manually from 1 to 240 minutes. It has a rain delay feature that allows you to delay watering from 1 to 3 days before the timer returns to the program you entered. Works with low pressure drip and soaker hoses. **7 year manufacturer's warranty.** Retains your program when you change the batteries. Requires 2 AA batteries (not included).

**WOT407 (1 lb) ..... \$44.99**



### **Melnor 2 Zone Digital Water Timer** **NEW**

Automatically water two areas of your lawn and garden. Can program to automatically water your plants up to six times per day. This timer is quick and easy to program with the large LCD screen; each zone can be programmed separately. The entire program you enter is visible at a glance. Set how often you water in hours or days. Duration can be set for up to 240 minutes. You can also bypass the program and set to water manually from 1 to 240 minutes. It has a manual rain delay feature that allows you to delay watering from 1 to 3 days before the timer returns to the program you entered. Metal coupling nut with rubberized grip. Requires 2 AA batteries (not included). Retains your program when you change the batteries. **7 year manufacturer's warranty.**

**WOT406 (1 lb) ..... \$59.99**



### **Melnor 4 Zone Digital Water Timer** **NEW**

Make watering your lawn and garden easier with the Melnor 4-Zone Timer. This battery-operated timer allows you to program up to four zones to be watered automatically from 1 faucet, or you can switch to manual watering with the twist of a knob. Automatically water each zone up to 6 times per day. Each independent zone can be easily programmed, providing you with total control. Large LCD screen has all the programming information you need at your fingertips. You can set how often you water in hours or days. Duration can be set for up to 240 minutes. You can also bypass the programming and set to water manually from 1 to 240 minutes. It has a manual rain delay feature that allows you to delay watering from 1 to 3 days before the timer returns to the program you entered. No extra valves to buy. Metal coupling nut with rubberized grip. **7 year manufacturer's warranty.** Retains your program when you change the batteries. Requires 2 AA batteries (not included).

**WOT402 (1.75 lb) ..... \$89.99**





# Fertilize While You Irrigate!



The online home of Peaceful Valley  
**GrowOrganic.com**

**Organic Gardening Resource Center**  
*Extensive library of organic gardening knowledge.*  
[www.GrowOrganic.com/organic-gardening](http://www.GrowOrganic.com/organic-gardening)



## VIDEOS

[GrowOrganic.com/video](http://GrowOrganic.com/video)

Fertigation  
 Fertilizing Organically  
 How to Measure Water Pressure and Flow  
 Compost Tea

## Foliar Feeding

Foliar feeding is spraying water-soluble fertilizers onto the leaf surface of plants. Foliar feeding addresses the immediate needs of a growing crop, as opposed to long-term soil deficiencies. Plants absorb nutrients through their leaves and stems, using stomata—little openings similar to the pores of our skin. **Plants absorb foliar sprays 20 times faster than soil-applied nutrients.** Foliars help plants compensate for soil deficiencies (low fertility, low soil temperature, etc.) during the growing season.

Foliars fortify plants facing other types of stress as well, such as drought, heat, cold, mechanical or insect damage, or the onset of disease-susceptible periods. Foliar feeding can also be timed to encourage and/or enhance critical points in the plant's growth cycle, such as seedling emergence or rapid growth phases or flowering, fruiting and seed formation. Many crops benefit from 6–8 foliar applications per season. Some growers apply weekly foliars at low concentrations to improve nutrient balance.



**\$11<sup>99</sup> FLAT RATE SHIPPING**

per 40 lb box. See pg. 9 for details.  
 through 4/30/2014

## Fertigation

Liquid or soluble fertilizers can also be applied through irrigation lines (known as “fertigation”) but you must increase the foliar rates by at least five times. Micronized organic fertilizers and economical organic liquid fertilizers have been developed that are perfect for this application. When fertigating, irrigation lines should always be cleaned by flushing with clean water before and/or after using fertilizer. For best results use Therm X70 Yucca Extract (PSA002) when flushing irrigation lines.

Mixers measure out liquid concentrates (fertilizers, soil inoculants, etc.) and mix them with the proper amount of water, so all you have to do is turn on the water and spray or irrigate!

### Solo Chameleon Hose End Mixer/Sprayer

3 changeable spray patterns: flat fan, shower or stream and an instant on/off quick release trigger. Comes with a quick disconnect swivel adapter with built-in anti-siphon valve. Fill the 32 oz canister with concentrate, adjust the dial for final concentration desired (can adjust from 1 tsp/gal to 8 oz/gal), adjust spray head for spray pattern, squeeze the trigger and spray. Adapter allows you to attach sprayer directly to the bottles of many common brands of pest control chemicals (although not most organic pest control bottles, which commonly have smaller screw tops). Has a 10 year warranty under normal consumer use.



**WMX505 (2 lb) ..... \$12.99**

**Siphon Mixers** for gardeners who water with hoses and have good water pressure & flow.

### Siphon Mixer Injector

Easy fertilizing with this clever device! Use where water pressure is 30-90 PSI, with a garden hose no longer than 200 ft. When using 100 ft. or longer hose, the injector works best when the outlet is unrestricted. One end of the siphon mixer screws onto your hose bib, the other attaches to your garden hose. Mixer has a small siphon tube which drops down into a bucket of liquid fertilizer and brings the concentrate up into the hose line at a 16:1 ratio as you water.



**WMX345 (1.5 lb) ..... \$14.99**

### Dramm Syphonject Mixer **NEW**

Draws a concentrate solution from a bucket through a tube and dilutes it with the passing water stream at an approximate ratio of 20 parts water to 1 part concentrated solution. The 20:1 dilution ratio is directly related to the amount of water pressure available through your garden hose. As water pressure increases, the dilution ratio will increase. Use where water pressure is 35-90 PSI and minimum flow is 6 gallons per minute with a garden hose no longer than 50 ft. Use the Full Flow Dramm nozzle included for best results.



**WMX151 (1 lb) ..... \$18.99**

Fertilize Automatically When You Water

## Injectors and Mixers

**Add-It Proportioning Fertilizer Injectors & the EZ-Flo System** are the next step up, accommodating low water pressure & drip irrigation or sprinkler systems.

### Add-It Proportioning Fertilizer Injectors

Designed for home and garden use. Easy to operate for either drip and sub-surface irrigation or with sprinkler systems. Injects fertilizer at a consistent, predetermined ratio (200:1, 200 parts water to one part fertilizer). Backflow device must be installed before the injector and a filter is recommended when injecting fertilizers into drip irrigation. Injector does not need a by-pass, as running water through the empty unit will not harm it. Pint and quart sizes use hose threads. Minimum pressure of 10 PSI is required. Number of gallons indicated below represents the approximate volume of water that must go through the unit to empty the injector. Larger sizes available. Minimum required flow rates are shown in gallons per minute (gpm).



#### WMX200 A | PINT, ½ GPM

(35 GAL TO EMPTY) (2 lb) .....\$29.99

#### WMX201 B | 1.5 QUART, 2 GPM

(75 GAL TO EMPTY) (5 lb) .....\$79.99

**Young Mixer-Proportioner** is easy to use, and is appropriate for the frequent user who needs to be able to regulate the mixing ratio.

### Young Mixer-Proportioner

Simple, virtually indestructible, and very accurate, these small to medium growers' models are the best choice for home or market gardeners who do a lot of injecting or spraying (soluble fertilizers, foliar feeds, soil inoculants, or pest controls). Tank comes lined with a bladder-type bag that lasts several years. To operate, just fill the tank with concentrate, dial in the desired ratio (select from 1:30 to 1:200), turn on the water and that's it! Both models use hose threads and are easy to disconnect. Minimum flow rate is 2 GPM. Look through clear plastic outlet to see if concentrate is finished. Add food coloring if concentrate is clear.



**WMX900 MP-2 (2 GAL TANK) (15 lb) ... \$189.00**

**WMX905 MP-2 REPL BAG (0.5 lb) ..... \$24.99**

**WMX910 MP-5 (5 GAL TANK) (32 lb) ... \$249.00**

**WMX915 MP-5 REPL BAG (1 lb) ..... \$29.99**

See installation diagrams  
and demo video online.  
[GrowOrganic.com](http://GrowOrganic.com)

### Ez-Flo Automatic Fertilization System

Easy to use, economical and flexible system for automatic fertilizing. Unlike similar systems, you can see the amount of fertilizer solution as it is used. Commercial grade components, appropriate for residential or commercial growers and landscapers. Tank capacity is approximately .75 Gal. Attaches to hose bib; includes hose bib adapter, tubing, tubing valves and tank. Minimum flow 2.5 GPM or 120 GPH. However, if your drip system uses less than 120 GPH, the EZ-FLO comes with 3 different flow discs that can be inserted into the hose bib adaptor to slow down the flow. The white disc is for 60-120 GPH, the black disc is for 30-60 GPH and the red disc is for rates as low as 7.5-30 GPH. You can calculate your water flow by multiplying the number of drip emitters on your system by their gallons per hour flow rate. Or for drip tape, the flow rate per 100 feet of drip tape. Injection rate is adjustable, between a fast setting of 1:100 and a slow setting of 1:1000. Water volume to empty tank is between 75 gal for the fast setting to 750 gal for the slow setting. Not designed for use under constant pressure.



**WMX400 ¾ GALLON TANK (6 lb) ..... \$69.99**

**Mazzei Injector** offers the best value for the performance, but requires an assembly kit for installation.

### Mazzei Injectors

Low-cost, accurate injectors are capable of higher flow rates than the other injectors we carry. They require a bit more installation expertise, but the cost savings can be worth it. Injector works using pressure differential to create suction, pulling the fertilizer concentrate steadily into the main stream of water. Injection rate depends on the pressure and flow rates. Made to last, no moving parts. Choose the one that matches the minimum flow rate of your irrigation system, not your pipe size. Kits for easier assembly are available by special order.



**WMX315 MAZZEI 584 (¾") 2.1 TO 10.2 GPM (1 lb) . \$49.99**

**WMX320 MAZZEI 878 (1") 3.2 TO 17 GPM (1 lb) . . . \$79.99**

**WMX325 MAZZEI 1078 (1") 5.5 TO 26.8 GPM (1 lb) . \$79.99**

### Orbit Water Pressure Gauge W/Female Hose Thread 0-200 PSI

Easy to use gauge to determine your static and dynamic water pressure. See our video "How to Measure Water Pressure and Flow". Once you know your pressure you can determine which injector will work for you as well as whether or not you need a pressure regulator for your drip irrigation.



**WOT640 (0.5 lb) ..... \$8.99**

Order Toll Free: (888) 784-1722

FERTILIZER INJECTORS AND MIXERS 15





## Here at Peaceful Valley we do everything we can to reduce, reuse, and recycle as a company.

When it comes to shipping, you may be interested to know that we reuse cardboard, collected from local businesses, as packing material. We feed it through an expensive, German-made, heavy duty machine which shreds it into a cushy pattern. You can recycle it as you would cardboard or make it into an art project or animal bedding as some customers have reported doing! Thanks for growing organically & recycling.

## Eco Friendly Shipping

### Return Policy

**3-Day Return Policy For Perishable Merchandise** Within 3 days of purchase, you can return any perishable merchandise that doesn't meet your standard. We guarantee the perishable merchandise we sell (included but not limited to, garlic bulbs, flower bulbs, seed potatoes, onion transplants...etc.) to be in good, viable condition when we sell them. However, because these items will deteriorate over time, we strongly encourage you to inspect them carefully upon receipt and plant them without any delay. Should there be any quality problem, you must notify us within 3 (three) days of your purchase, or of receipt, whichever the latter, to request an exchange or a refund. Beyond 3 days from the date of purchase, or of receipt, whichever the latter, perishable merchandise is not returnable nor refundable under any circumstances.

**30-Day General Return Policy** Within 30 days of purchase, or of receipt, whichever the latter, you can return any non-perishable item for a full refund (excluding shipping charges if any), provided the product is in unused, like-new condition and in its intact original packaging. Otherwise, we reserve the right not to take the item back unless you agree to a 20% restocking fee (item will be sold as "used" and/or "open-box" at a corresponding discount). Special orders, drop-shipped items, custom mixes, custom cuts (i.e. greenhouse poly, shade cloth...etc.), live plants, nursery stock and beneficial insects are not returnable nor refundable unless there is an obvious problem upon purchase (if so, contact us immediately). For products that are covered under Manufacturer's Warranty (Solo sprayers, Young Mixer Proportioners...etc.), we will honor the manufacturer's published warranty. Items deemed "defective", i.e. stopped working and/or broke after a few days, must be inspected by a Customer Service associate or store staff member. Replacement or credit will be issued if the item has not been misused or abused and is still covered under the warranty time period.

**Food Processing Items** We must re-sell as "open box" (hence, at a discount) any returned food processing item with an opened box, due to hygiene concerns. Thus, a 15% restocking fee will apply. Excalibur Dehydrators are non-returnable - see note with product description.

**Limited Replacement Guarantee For Dormant Bare-Root Nursery Stock** If your bare-root fruit or nut tree (incl. potted fig or pomegranate), artichokes, asparagus, grape vines, kiwi vines, blueberries, caneberries, strawberries, and horseradish does not leaf out in Spring, contact our Customer Service by June 1st and return the dead plant to us for inspection. We will issue you a credit for the paid price of that plant (excluding shipping charges if any), provided it does not show damage (from rodent, mechanical...) or root rot. This credit is redeemable toward the purchase of any other bare-root item of your choice the following season. We reserve the right to not issue credit for replacement of already replaced items. This guarantee applies only to Dave Wilson bare-root or potted trees (fruit and nut - except Pecan (see disclaimer), artichokes, asparagus, grape vines, kiwi vines, blueberries, caneberries, strawberries, and horseradish. This guarantee does not apply to flower bulbs, (evergreen) citrus & olive trees, onion & leek transplants, garlic & shallots, seed potatoes and common nursery stock.

**Guaranteed To Germinate** Peaceful Valley Farm & Garden Supply brand vegetable seeds from packs are guaranteed to germinate. Once the seeds have sprouted, please understand that Peaceful Valley cannot be held responsible for the many uncontrollable growing and climatic conditions that must be met to insure the success of your crop(s).

## The "Fine Print"

**General Limitation Of Remedy** We warrant to the extent of the purchase price only that the seeds or plants sold hereunder are as described on the label within recognized tolerances. No other warranty is given, expressed or implied, of (1) the merchantability or fitness of the seeds or plants for any particular purpose, or (2) against loss due to any cause. We cannot accept any responsibility for the many uncontrollable growing and climatic conditions (soil preparation, fertilization, weed and pest control, temperature control, irrigation...etc.) that must be met to insure the success of your crop(s) or plants.

**About Shippable Nursery Stock Orders** Seasonal products (perishable plants) are stocked for a limited duration (harvest and weather dependent). Orders are filled on a first-come first-serve basis. Due to these factors and limited storage space, we are unable to accommodate any delay ship dates, beyond our set shipping schedule. We strongly recommend that you place your order as early as possible after receiving your catalog.

**Catalog Pricing** Although we do our best to maintain published prices for an entire catalog term, product prices and bulk seed increments may change without notice. If you find a lower price from a brick & mortar store on our products, kindly provide us proof within 30 days of purchase and we will gladly match it, beat it, or refund you the difference. This offer applies to identical products and excludes misprints, liquidation sales or floor display model sales.

Despite our best efforts, a small number of items in our catalogs or website may be mis-printed or mis-priced. We reserve the right to correct any such mis-prints or mis-prices. If the correct price of an item sold by Peaceful Valley Farm & Garden Supply is higher than the stated price and you do not not agree to pay the correct price, we will cancel your order, notify you of such cancellation and refund any prices you may have already paid.

**Shipping Information** Simply put, we are always looking for the cheapest method of shipping available for your order. Most items ship via standard FedEx or USPS by weight and zone method. Our call center or website can calculate your shipping. To get a rate quote for items listed with a ship method "Truck" or "Drop Ship," give us a call and we will find you the cheapest freight.

**Drop Ships** Items shipping directly from the vendor are noted as such. Drop ship orders will often be delivered within two weeks of ordering, but in some cases these orders can take longer due to product availability and weather delays. Once an order has shipped, your order cannot be cancelled.

**Shipping to Hawaii, Guam, Alaska, Puerto Rico and the US Virgin Islands** Items generally ship to these locations via USPS Priority Mail. USPS does not guarantee transit time and Parcel Post can take up to several weeks to AK, HI, and PR. FedEx Service is available but is generally quite a bit more expensive. Boat and Barge shipments for palletized orders are available. Call for a quote. Perishable items and beneficial insects cannot ship to these locations.

**Turnaround Time and Back Orders** Orders where all items are in-stock typically ship within 1-2 business days, but turnaround time does vary by season. Expedited shipping options are available upon request.

**Tracking Your Order** If shipping by FedEx, a tracking number will be e-mailed to you the day after your order ships. Please contact us immediately if you think your shipment is lost or if your shipment arrives damaged.

**Receiving Your Order** When your order arrives, open the package immediately and inspect the content against the packing slip; it is especially important to check viability on living plants. Notify us immediately of any shortages or damage, do not discard any damaged items or shipping cartons. The shipping company may require an inspection prior to approving any claim.

**For Truck Shipments** Do not sign for the shipment until you have confirmed the shipment is complete and has no apparent and/or concealed damage. If there is a shortage or damage it must be noted on the proof of delivery, or we cannot accept responsibility.

### Privacy Policy

In order to expand the organic community, we may rent, exchange, or sell the names and addresses of those customers who do not opt-out by calling (888) 784-1722 or emailing a request to:

**orderdesk@GrowOrganic.com.**

# Drip Irrigation: Save Water!



## Organic Gardening Resource Center

Extensive library of organic gardening knowledge.

[www.GrowOrganic.com/organic-gardening](http://www.GrowOrganic.com/organic-gardening)



### VIDEOS

[GrowOrganic.com/video](http://GrowOrganic.com/video)

Drip Irrigation - Save Water

Irrigation Maintenance

How To Measure Water Pressure and Flow

## How To Maintain Your Drip Irrigation

If you have drip irrigation you should check it in the spring, to make sure it's ready to run through the hot summer. In our **Irrigation Maintenance** video, Tricia takes you through a tune-up of her drip irrigation system.

*Here's an easy annual drip checklist:*

- Flush your system.
- Flush your filter and clean out your screen (unless you have a self-cleaning filter).
- Turn on your system one part at a time and check to make sure the water is flowing.
- Are there any clogged or damaged emitters, kinked tubing, or missing fittings?
- Soak any clogged emitters in vinegar.
- If emitters are either popping off or not spraying at all, use a pressure gauge to check your pressure regulator.
- Replace any damaged emitters.
- Clean your drip system by running Therm-X through your lines.
- Check your perennials to see if you should remove or add to their emitters.

*You're all set!*

*Enjoy another summer, and save water, with drip irrigation.*

## Why Choose Drip Irrigation?

Drip irrigation sends an even, deep supply of water directly to the root zone of the plant without waste or run off. It uses up to **50% less water** than conventional systems, spares plants the stress caused by the wet-dry cycles of overhead watering and minimizes erosion, soil compaction, leaf burn, mold and fungal diseases. -

Drip irrigation, especially when the line is buried, significantly reduces weeds by watering deeply instead of on the surface (weed seeds have less access to water needed for germination).

Before you install your system, you need to ascertain the flow (how many gallons per minute) you are getting from your main water line, which will help you to determine how many emitters you can run at one time. An easy way to determine this is by running water and measuring the time it takes to fill a bucket. Divide the container size in gallons by the seconds it takes to fill the container, and then multiply the result by 60. Example: If it takes 40 seconds to fill your 4-gallon bucket, you have 6 GPM.

Consider whether your water has a high sediment content or not, so that you can select the proper filter set-up. You should have a vacuum breaker installed at the beginning of your irrigation system to prevent backflow which can contaminate your water supply, especially if you are connected to a well and use a fertilizer injector.

Make a scale drawing of your area so that you can visualize the location of buildings, pathways, water sources, and existing planted areas. Grouping plants with similar water requirements will aid in your selection of irrigation parts.

**Drip systems are inexpensive and simple to install. With the installation of a timer, you will provide care-free, regular, even, and convenient watering of your plants.**



### BOOKS

[Learn More!](#)

## Drip Irrigation For Every Landscape & All Climates



By Robert Kourik

The first clear, thorough discussion of drip irrigation issues faced by small scale growers: system design, irrigation times, system expansion, aesthetic concealment, drip irrigation for containers, trees, shrubs and vegetable beds, automatic timers, etc.

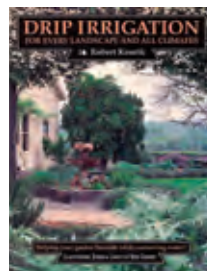
**BF210 (1 lb) 118 pages, oversized soft cover . . \$24.99**

## Backyard Farmers and Home Gardeners

by Chris Gleason

The author is an experienced woodworker and homesteader who shows how to plan and design a backyard farm. Step-by-step instructions are provided for 10 projects including greenhouses, beehives, rabbit hutches, raised beds, potting sheds, trellises, fences, and more. Readers learn how to create an irrigation system, harvest rainwater, and keep their farms environmentally sound. Each detailed plan is accompanied by the author's clear, instructive drawings.

**B0220 (1.25 lb) 159 pages, softcover . . . . . \$19.99**





## How To Connect A Drip System To Your Water Supply

### How-To-Connect Diagram

This diagram shows the proper assembly of parts you need to connect your drip system to your water source. Use the following charts to find all the parts you need to complete your set-up.

We recommend installing a “Y” connector as it will allow you to connect a hose to your water source as well as the drip system.

To check your water pressure use the Orbit Water Pressure Gauge pg. 15.



### Fertilize While You Irrigate!

There are several different fertilizer mixer-proportioners that you can hook up to your drip irrigation system making fertilizing a snap! See page 15.



**GrowOrganic.com/video**

Fertilizing Organically

### Installation Tips

- Hand tighten irrigation parts. Tools may damage the threads.
- Lay 1/2" poly tubing in the sun before installing it to make it more pliable. It will lay flat when you install it and be easier to insert into compression fittings.
- Use a hole punch rather than a sharp instrument to make holes in the 1/2" tubing to attach any other tubing or fittings. Your attachments will be much more secure, preventing leaks.

# Drip System Components

**BUY BIG, SAVE BIG** *Drip System Components*  
 10+ ..... 10% off

Part #	Picture	Description	Price
<b>IRF1000</b> (0.10 lb)		<b>Vacuum Breaker</b> <i>FHT x MHT</i> Screw into your hose spigot as the first item in your starting line-up. Prevents backflow which can cause contamination of your water source.	<b>\$3.99</b>
<b>IRH950</b> (0.5 lb)		<b>Regular Flow Metal "Y" Connector with Shut-off</b> <i>FHT x MHT</i> Shuts off each connection separately.	<b>\$7.99</b>
<b>IRH951</b> (0.7 lb)		<b>Full Flow Metal "Y" Connector with Shut-off</b> <i>FHT x MHT</i> (45% more water flow than regular connector)	<b>\$11.99</b>
<b>IRH320</b> (0.05 lb)		<b>3/4" Plastic Ball Valve</b> <i>FHT x MHT</i> Shut off valve to partially or completely shut off water supply. See Shut off valve pg. 31	<b>\$2.29</b>
<b>IRH820</b> (0.10 lb) 10 PSI		<b>Fixed Pressure Regulator 3/4" FHT x MHT</b> Attaches to in-line filter to reduce pressure. Use for up to 8 GPM, 500 ft of Soaker hose or 1,000 ft of Drip Tape. (See Pressure Gauge pg. 15)	<b>\$4.99</b>
<b>IRH825</b> (0.10 lb) 25 PSI			<b>\$4.99</b>
<b>IRH821</b> (0.20 lb) 10 PSI		<b>Hi-Flow Fixed Pressure Regulator 3/4" MPT x MHT</b> Reduces pressure for systems with high water flow. Use for up to 15 GPM. (See Pressure Gauge pg. 15)	<b>\$7.99</b>
<b>IRH826</b> (0.20 lb) 22 PSI			<b>\$7.99</b>
<b>IRF175</b> (0.5 lb)		<b>Flushable "Y" Filter 3/4" MPT x MPT</b> Removes sediment in water. Clean filter without removal by opening a ball valve. 150 mesh screen.	<b>\$14.99</b>
<b>IRF174</b> (0.05 lb)		<b>Replacement Filter For Flushable "Y" Filter</b> Replacement filter for the Flushable "Y" filter. 150 mesh screen.	<b>\$5.99</b>
<b>IRF410</b> (0.20 lb)		<b>In-Line Filter</b> <i>FHT x MHT</i> Removes minor sediment in water. Use for up to 200' of Soaker Hose, up to 300' of Drip Tape, maximum flow of 2 GPM of drip system.	<b>\$5.99</b>
<b>IRF411</b> (0.01 lb)		<b>In-Line Filter Replacement Screen</b> Replacement screen for in-line filter.	<b>\$4.99</b>
<b>IRH720</b> (0.15 lb)		<b>3/4" Brass Hose Swivel Adapter #1</b> <i>FPT x FHT</i> Attaches metal "Y" connector to the flushable "Y" filter.	<b>\$4.99</b>
<b>IRH725</b> (0.10 lb)		<b>3/4" Brass Adapter #2</b> <i>FPT x MHT</i> Attaches flushable "Y" Filter to 10 PSI fixed pressure regulator.	<b>\$3.99</b>
<b>IRH721</b> (0.05 lb)		<b>3/4" Plastic Hose Swivel Adapter #1</b> <i>FPT x FHT</i> Attaches metal "Y" connector to the flushable "Y" filter.	<b>\$3.19</b>
<b>IRH585</b> (0.10 lb)		<b>3/4" PVC Adapter</b> <i>FPT x FPT</i> Attaches flushable "Y" filter to high-flow pressure regulator.	<b>\$ .99</b>



## Poly Punches

### Plastic Hole Punch

Punches holes in 1/2" poly tubing to insert 1/8" and most 1/4" barbed fittings. Does not make a hole big enough for Tape-Loc 1/4" barbed fitting (IRC450) used with Drip tape. For that purpose, use IRC455 hole punch.

**IRH620** (0.015 lb) ..... **\$1.29**



### Pocket Punch Tool

The Pocket Punch is a great little pocket tool, which not only punches holes, but also has a place to put your barbed fitting or emitters on the end of it for easy insertion. Very easy to use. The U shaped end holds the pipe in place as you grip the ergonomic finger grips and your palm pushes the plunger forward and it makes a hole in the center of the pipe. The notch at the top will help in removing barbed fittings and emitters. Item is approx. 5" long.

**IRH640** (0.15 lb) ..... **\$9.99**



### Hole Punch Handle w/Green Tip

This sturdy hole punch makes the perfect sized hole for the full size 1/4" barbed fittings such as the Tape-Loc 1/4" barbed fitting (IRC450) for attaching drip tape to 1/2" poly tubing. This hole punch works best if you twist it as you puncture the poly tubing. For most other 1/4" barbed fittings, such as on emitters and couplers or tees, use one of our other hole punches.

**IRC455** (0.15 lb) ..... **\$12.99**



### Orbit Poly Drip Tubing Cutter & Punch Tool **NEW**

The cutter has a precision-ground stainless steel blade and is designed to cut up to 1 1/4" plastic pipe and tubing. Spring loaded for rapid cutting, with comfortable, ergonomic handles. The punch tool has a simple, one-handed operation with a durable and comfortable ergonomic design. The fastest and easiest punch tool available. Use these reliable tools to help you quickly create the optimal drip irrigation systems for your garden and farm.

**IRH655** (0.75 lb) ..... **\$19.99**



**\$11.99 FLAT RATE SHIPPING**

per 40 lb box. See pg. 9 for details.  
through 4/30/2014

**Direct The Water Where It Is Needed**

## 1/2" Poly Tubing



Use 1/2" poly tubing to bring water to where you want to start your irrigation runs. Poly tubing serves as the main water supply and is used with the 1/2" fittings below. To connect Mr. Soaker Hose to poly, use barbed Mr. Soaker Hose fittings. To connect T-Tape to poly, use Loc-Sleeve fittings. Not all 1/2" poly tubing is the same! Ours is 0.60 I.D./0.70 O.D. The maximum flow rate for our 1/2" poly is about 240 GPH or 4 GPM.



### IRP500 1/2" POLY TUBING, 100' ROLL

4 can ship together (6 lb) ..... **\$11.99**

### IRP505 1/2" POLY TUBING, 500' ROLL (26 lb)

Ships by itself, add \$5 ship charge ..... **\$44.99**

### IRP510 1/2" POLY TUBING, 1000' ROLL (44 lb)

Ships by itself, add ship \$5 charge ..... **\$79.99**

**10+ (1000' Rolls)** ..... **10% off**

## Accessories

### 6" Metal Ground Staples



U-shaped metal staples to secure irrigation tubing to the ground. Can be used on poly tubing, Soaker Hose or Drip Tape.

**EC406 100 PACK (5 lb)** ..... **\$9.99**

**EC407 1000 PACK (40 lb)** ..... **\$59.99**

**10+ (1000 Box)** ..... **10% off**



### 1/2" Tubing Mounting Clips

Attaches poly tubing to wooden decks or raised beds. pack of 5.

**IRP520 (0.05 lb)** ..... **\$1.99**

**10-49 ... 10% off 50-99 ... 20% off 100+ ... 25% off**



### Stick Of 10 Goof Plugs, Double Headed

2 sizes in 1 to correct mistakes, alter systems, or make repairs.

**IRH634 (0.01 lb)** ..... **\$0.69**

**10-49 ... 10% off 50-99 ... 20% off 100+ ... 25% off**



**½" Tubing Fittings & Supplies** Setting up your ½" poly distribution system is easy with **Power-Loc™** fittings. Simply insert tubing into the end of the fitting, turn the built-in clamp and the connection is tight and strong. To remove the fitting, unscrew the clamp and work the tubing off. Use these fittings with pressure up to 60 PSI.

Product #	Picture	Starters	Price
<b>IRC730</b> (0.1 lb)		<b>¾" Power-Loc™ Female Starter Fitting</b> Connects ½" poly system to male hose thread (your hose spigot).	<b>\$1.99</b>
<b>IRC745</b> (0.1 lb)		<b>¾" Power-Loc™ Male Starter Fitting</b> Connects ½" poly system to female hose thread.	<b>\$0.99</b>
<b>IRC700</b> (0.15 lb)		<b>½" Power-Loc™ Starter Tee</b> Connects ½" poly system to male hose thread (your hose spigot) & tees for ½" poly.	<b>\$2.49</b>
<b>IRC705</b> (0.1 lb)		<b>½" Power-Loc™ Starter Elbow</b> Connects male hose thread to ½" poly and turns a 90° angle.	<b>\$4.99</b>
Product #	Picture	Couplers	Price
<b>IRC715</b> (0.1 lb)		<b>½" Power-Loc™ Coupler</b> Joins 2 pieces of ½" poly tubing together. Can add to or repair irrigation system.	<b>\$1.39</b>
<b>IRC720</b> (0.1 lb)		<b>½" Power-Loc™ Elbow</b> Joins two pieces of poly tubing to turn a 90° angle.	<b>\$1.99</b>
<b>IRC710</b> (0.15 lb)		<b>½" Power-Loc™ Tee</b> Joins ½" poly tubing in a 3-way connection.	<b>\$2.69</b>
<b>IRC735</b> (0.1 lb)		<b>½" Power-Loc™ In-line Valve</b> Inserts into ½" poly tubing to open or shut off line.	<b>\$2.99</b>
<b>IRH430</b> (0.05 lb)		<b>In-line ½" Valve</b> Inserts into ½" poly tubing to open or shut off line.	<b>\$1.79</b>
<b>IRC560</b> (0.03 lb)		<b>Adapter 1/2" Poly x 1/2" PVC Slip</b> Compression adapter: ½" poly (.700 O.D.) compression x ½" PVC slip fitting. This fitting is used when you want to run ½" poly off of a ½" PVC line.	<b>\$0.29</b>
Product #	Picture	End Caps	Price
<b>IRC725</b> (0.1 lb)		<b>½" Power-Loc™ End With Screw Cap</b> Closes end of poly tubing lines. Screw cap removes for easy flushing of system.	<b>\$1.69</b>
<b>IRC542</b> (0.015 lb)		<b>½" Screw Caps</b> Replacement for ½" end plug (comes with washer).	<b>\$0.59</b>
<b>IRC740</b> (0.1 lb)		<b>½" Power-Loc™ End With Flush Valve</b> Caps end of ½" poly tubing. Ball valve opens to flush out the line.	<b>\$2.69</b>
<b>IRC545</b> (0.01 lb)		<b>½" Figure 8 Closure</b> Caps end of poly tubing. More difficult to remove when flushing the system, but is more economical than IRC725.	<b>\$0.29</b>

**BUY BIG, SAVE BIG** *Mix & Match fittings*    10-49 ..... 10% off    50-99 ..... 20% off    100+ ..... 25% off

Order Toll Free: (888) 784-1722

**½" POLY TUBING FITTINGS** 21



Uniform Distribution Of Water

Mr. Soaker Hose



Mr. Soaker Hose is made in the USA from 100% recycled materials. We carry the larger diameter green striped professional grade from Mr. Soaker Hose. Professional Soaker Hose seeps water the entire distance of the hose. Our rolls of Soaker Hose have NO fittings on the hose, allowing you to cut any desired length. To create your own custom system use the fittings shown below to attach 1/2" Soaker Hose to 1/2" poly, a spigot or garden hose, or itself. (1/4" Soaker Hose uses standard 1/4" fittings, see pg. 28.)

Entirely porous - waters evenly along the entire length of the hose with only a 10% loss over 250'. Waters plants roots directly - no evaporation or wasted water. Reduces runoff and the liability of slippery walks and roads. Plants can also be fertilized by injecting water soluble fertilizer through the soaker hose. Mr. Soaker Hose Professional is UV stabilized - won't freeze in the cold or crack in the sun.



**A pressure regulator is mandatory.** Burst strength is 80 PSI. DO NOT use Soaker Hose with normal house pressure. A 25 psi pressure regulator is recommended. Maximum run per length is 250' with a maximum of 600' per faucet at one time. Soaker should be used on flat surfaces not exceeding a 2' rise over 100'. Gallons per hour, per 100', is approximately 94 gallons per hour, depending on inlet pressure and water hardness. A filter is highly recommended (minimum 150 mesh). For hard water we recommend a calcium filter. If your water has heavy mineral deposits, soaker hose is not recommended.

Part #	Picture	Description	Price
<b>IRC625</b> (0.025 lb)		<b>1/2" Barbed Hose Starter</b> Attaches Mr. Soaker Hose to hose spigot or garden hose. FHT	<b>\$2.09</b>
<b>IRC610</b> (0.01 lb)		<b>1/2" Barbed Coupler</b> Attaches 1/2" poly tubing to Mr. Soaker Hose. Also used for attaching or repairing two pieces of Mr. Soaker Hose.	<b>\$0.69</b>
<b>IRC615</b> (0.02 lb)		<b>1/2" Barbed Elbow</b> Attaches 1/2" poly tubing to Mr. Soaker Hose when turning a 90° angle.	<b>\$1.29</b>
<b>IRC620</b> (0.02 lb)		<b>1/2" Barbed Tee</b> Attaches either 1/2" poly tubing or Mr. Soaker Hose in three directions.	<b>\$1.29</b>
<b>IRC641</b> (0.02 lb)		<b>1/2" Barbed End Cap</b> Inserts into end of Mr. Soaker Hose to end the line.	<b>\$1.79</b>
<b>IRC607</b> (0.04 lb)		<b>Hose Clamp, Metal</b> Secures barbed 1/2" fittings to Soaker Hose. Use one clamp for each barbed end (i.e. 2 for a coupler and 3 for a tee).	<b>\$0.79</b>

**BUY BIG, SAVE BIG** Mix & Match Soaker Hose fittings      10-49 . . . 10% off      50-99 . . . 20% off      100+ . . . 25% off

## 1/2" Soaker Hose 🌱

Installation spacing depends on your soil texture, but a general guideline is 18" apart, with maximum run 100'. Flow rate is 60 gal/hr per 100' of hose at 10 PSI. (I.D. = .590", O.D. = .820")

**IRP660 100' ROLL (10 lb) .....\$39.99**

**IRP665 500' ROLL (65 lb)**

*Ships by itself, add \$5 ship charge .....\$129.00*

**10+ (500' roll) ..... 10% off**

## 1/4" Soaker Hose 🌱

Use on short runs on level sites to evenly water over the entire length of the tubing. Maximum run length off 1/2" tubing should be no more than 15'. Always use a 25 psi pressure regulator. Flow rate is .4 GPM per foot of hose. Use standard 1/4" fittings to connect to 1/2" poly tubing, see pg. 28.

(I.D. = .13", O.D. = .300")

**IRP650 100' ROLL (2 lb) .....\$14.99**

**10+ ..... 10% off**

## Calcium Filter, Mr. Soaker Hose

Calcium Filter Reduces clogging due to calcium buildup from hard water.

For drip irrigation and soaker hoses. Male x female garden hose thread.

**IRF900 (1 lb) .....\$29.99**



**See page 19 for these essential components.**

### Fixed Pressure Regulator 3/4" FHT x MHT

**IRH820 10 PSI (.025 lb) .....\$4.99**

**IRH825 25 PSI (.025 lb) .....\$4.99**

**10+ ..... 10% off**

### Hi-Flow Fixed Pressure Regulator

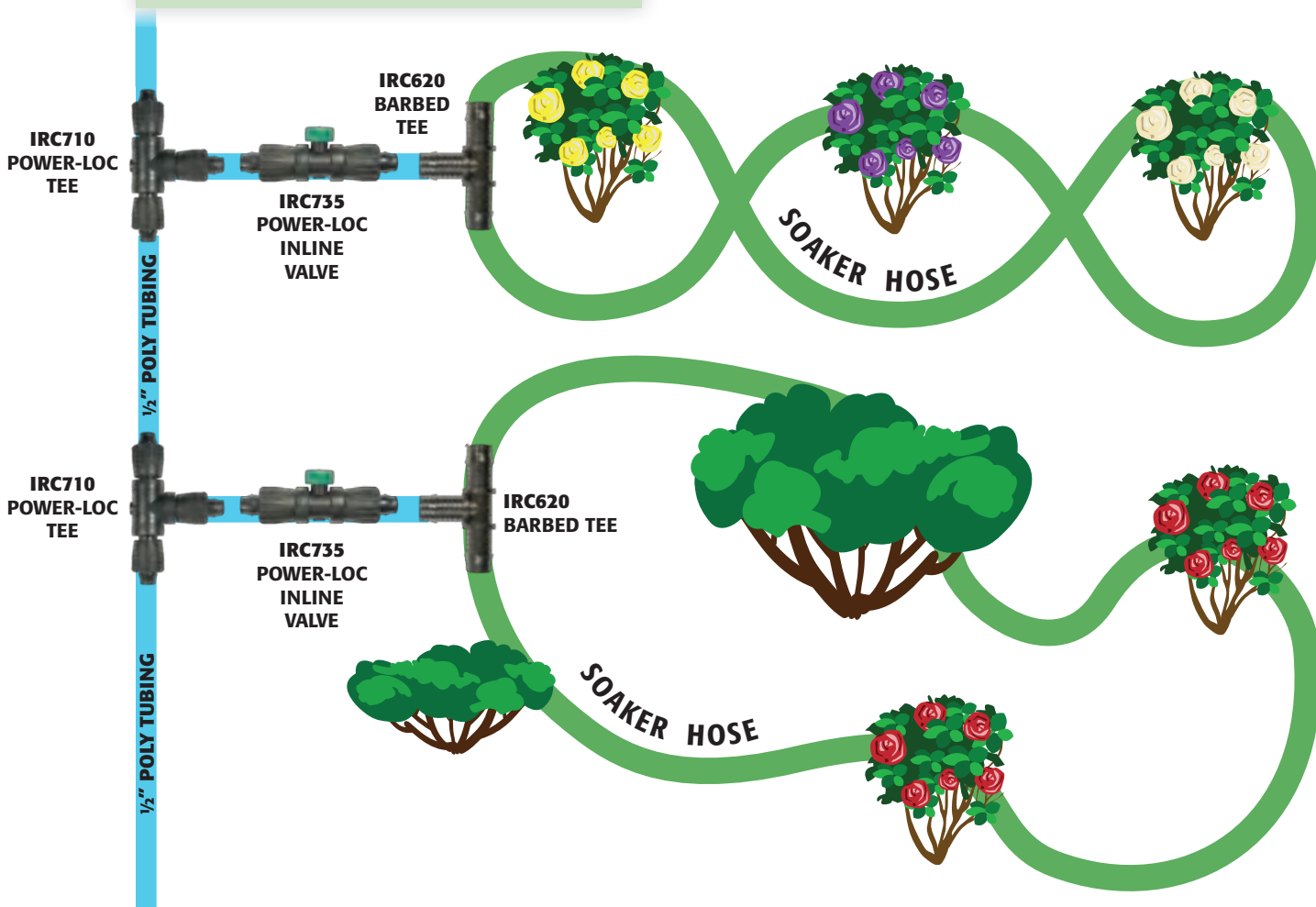
**3/4" MPT x MHT**

**IRH821 10 PSI (.025 lb) .....\$7.99**

**IRH826 22 PSI (.025 lb) .....\$7.99**

**10+ ..... 10% off**

**Soaker Hose seeps water the entire distance of the hose. Waters plants roots directly, no evaporation or wasted water. You can cut it to any length to create your own custom system.**





When Meandering, Moderate Water Coverage Is Needed

Pressure Compensating Emitterline

1/2" Emitterline with 12" drip spacing (or 6" drip spacing on 1/4" line) is great for pressure regulated meandering. Total CV Pressure Compensating non-draining Emitterline. Use in-line drip emitter tubing for coverage where meandering line is appropriate, such as landscape plantings of shrubs and perennials. Continuous polyethylene tubing with pressure compensating emitters installed internally, welded to the inside diameter of the tubing. Tubing is .600 I.D. x .700 O.D., 1.0 GPH flow rate/emitter, 12" spacing. Pressure Compensating over a range of 15-60 PSI. Innovative Cascade Labyrinth emitter design reduces clogging with its continuous self-cleaning design. Use with our standard 1/2" fittings. This Emitterline has a 1.0 GPH flow rate per foot. Minimum recommended screen filter is 150 mesh.



1/2" Emitter Line

IRP700 1/2" X 100' ROLL (6 lb)

4 can ship together .....\$29.99  
10-19 ..... 10% off      20+ ..... 20% off

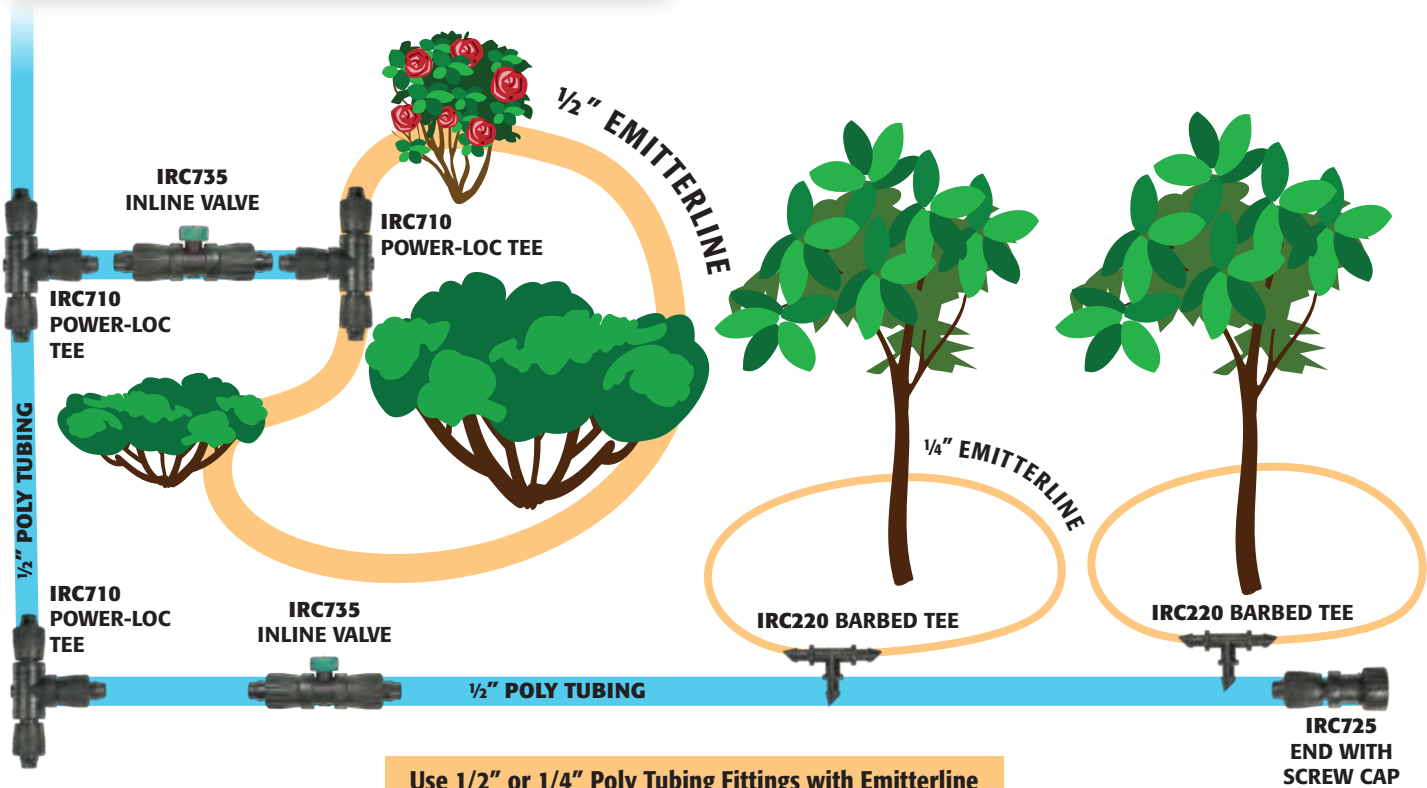
1/4" Emitter Line

We also offer 1/4" Emitterline made by Pepco. The self-cleaning turbulent flow emitters are spaced every 6". The flow rate is about 1.0 GPH/ft @ 15 PSI. Maximum tube length is 19 feet, with a maximum of twelve 19 foot lengths per 1/2" poly main line.

IRP715 1/4" X 100' ROLL (2 lb).....\$19.99

10-19 ..... 10% off      20+ ..... 20% off

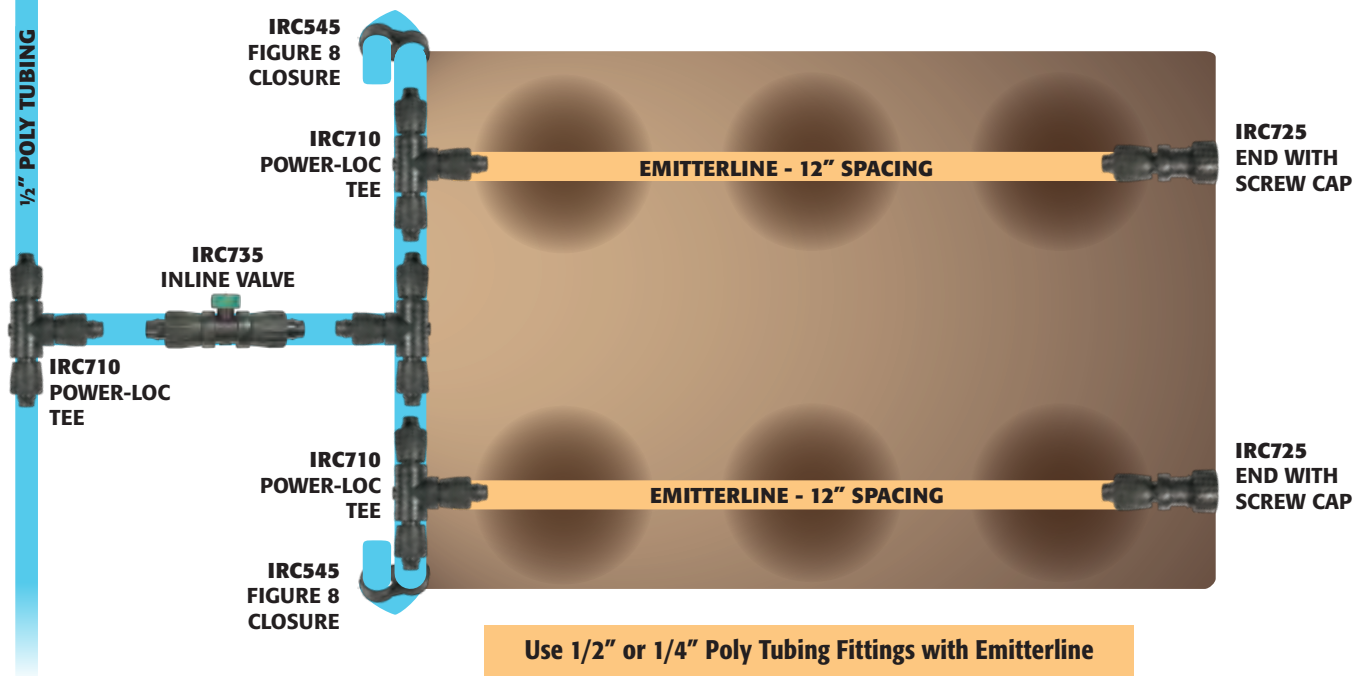
Flexible Emitter Line is perfect to wind around your shrubs and trees where moderate water coverage is needed.



Use 1/2" or 1/4" Poly Tubing Fittings with Emitterline



**Emitter Line with it's 12" or 6" spacing is great for your planted vegetable beds. Spaced emitters allow the water to be directed exactly where you need it - around your plants.**



## Free Seeds with Online Orders!

**2 Free Organic Veggie Seed Packs  
on orders over \$50\* (\$5.98 Value!)**

**5 Free Organic Veggie Seed Packs  
on orders over \$100\* (\$14.95 Value!)**

\*Offer valid on **in-stock** Peaceful Valley Farm & Garden Supply Organic Vegetable Seed Packs on **internet** orders only through 12/31/14, **while supplies last**. All online purchases qualify, except Gift Cards. Please note that the \$50 and \$100 thresholds are merchandise subtotal only (excluding sales tax & shipping). Offer limited to one order per week/customer.

***Our mission:***

**Grow Organic . . .**

**For a healthy and safe food supply  
For a clean and sustainable environment  
For an enjoyable and rewarding experience**

**. . . For Life!**

**Browse over 5000  
products at**

**GrowOrganic.com**



## Drip Tape

Chapin Drip Tape is the best on the market and is available in home scale as well as commercial sizes. Its features include: Multiple Inlet Orifices (with multiple inlet filters) to ensure a continuous water flow to each dripper. Turbulent Flow Path design provides larger internal dimensions offering higher resistance to clogging. Unlike other tapes, Chapin Tape has a unique extruded film profile with extra strength and thickness where it is needed most: the rounded tape edges that increase resistance to abrasion and insect damage.



Part #	Picture	Description	Price
<b>IRC470</b> (0.025 lb)		<b>Tape-Loc™ 1/2" Barbed</b> Inserts into the end of poly tubing to make a single line of Drip Tape.	<b>\$0.79</b>
<b>IRC425</b> (0.05 lb)		<b>Tape-Loc™ Hose Starter</b> Connects one line of Drip Tape to hose spigot or garden hose.	<b>\$1.99</b>
<b>IRC410</b> (0.05 lb)		<b>Tape-Loc™ Coupler</b> Attaches two pieces of Drip Tape together.	<b>\$0.79</b>
<b>IRC415</b> (0.05 lb)		<b>Tape-Loc™ Elbow</b> Attaches two pieces of Drip Tape at a 90° angle.	<b>\$1.99</b>
<b>IRC420</b> (0.075 lb)		<b>Tape-Loc™ Tee</b> Allows Drip Tape lines to run in three different directions.	<b>\$2.19</b>
<b>IRC440</b> (0.05 lb)		<b>Tape-Loc™ End with Cap</b> Inserts into the end of Drip Tape to end the line. Cap can be unscrewed to flush.	<b>\$2.29</b>
<b>IRC450</b> (0.025 lb)		<b>Tape-Loc™-Sleeve 1/4" Barbed</b> The barbed end punches into the side of the poly tubing & Loc-Sleeve secures the Drip Tape. Works best with Hole Punch #IRC455.	<b>\$0.59</b>
<b>IRC454</b> (0.025 lb)		<b>Perma-Loc-Sleeve 1/4" Barbed Fitting w/Shutoff</b> This "Loc type" fitting is similar to the 1/4" barbed fitting, but has a shut off valve, which allows you to shut off individual Drip Tape lines. The barbed end punches into poly tubing and the other end locks down on the Drip Tape. Works best with Hole Punch #IRC455	<b>\$2.79</b>
<b>IRC455</b> (0.05 lb)		<b>Hole Punch Handle W/Tip</b> This sturdy hole punch makes the perfect sized hole for full size 1/4" barbed fittings such as IRC450.	<b>\$12.99</b> (No qty. discount)
<b>IRC441</b> (0.05 lb)		<b>Drip Tape Sleeve End</b> Another way to end drip tape runs. Simply slip the end of the tape through the narrow end of the fitting until it sticks out about 3 inches. Fold the end of the tape over two or three times, and then pull the folded end back into the wider opening of the fitting.	<b>\$0.29</b>

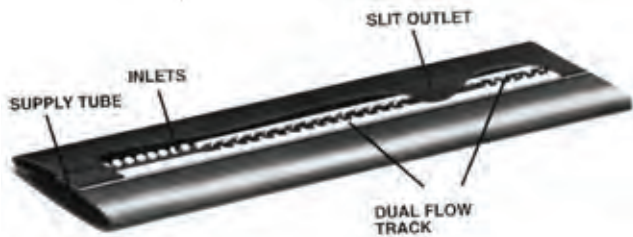
**BUY BIG, SAVE BIG** Mix & Match Drip Tape fittings

10-49. . . 10% off

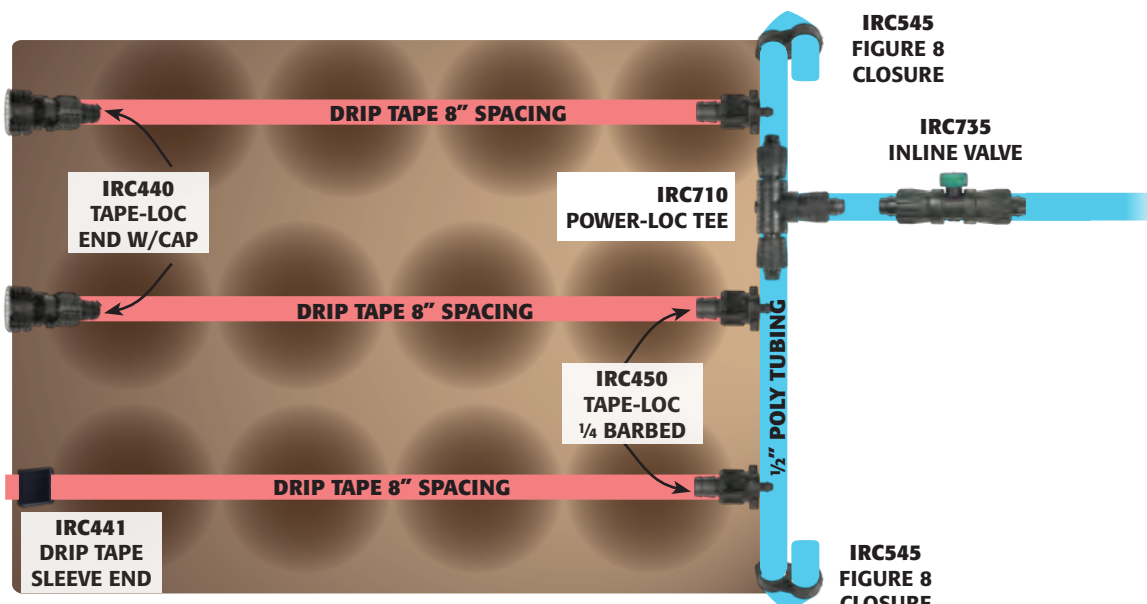
50-99 . . . 20% off

100+ . . . 25% off

**Drip Tape must be used on low water pressure (5–15 PSI), achieved by installing a pressure regulator.** At 10 psi, Drip Tape with 8" spacing distributes 40 gallons per hour (GPH) per 100'. If you are using ½" poly as your supply line, you can run a total of about 600' of drip tape off of each supply line. Line layout depends on your soil and the water needs of your plants. When planting in beds, lines are usually spaced about 9" apart. Three parallel lines for a 3 ft wide bed, or four for a 4' bed. Sandy soils might require closer spacing. On level ground, a single run should not be longer than 450'. Drip Tape needs to be kept flat, which can be achieved with U-Shaped Ground Staples. Install Drip Tape only on slopes of 3% or less. The more level the ground and the shorter the run, the more even or uniform the water flow will be throughout the run. If the run slopes downhill, more water will go to the end. If the run is too long, or goes uphill, more water will be emitted at the beginning.



**IRH821 10 PSI (.025 lb) .....\$7.99 10+ ..... 10% off**



**Drip Tape must be used on low water pressure, (5–15 PSI), achieved by installing a pressure regulator.**



**10+ ..... 10% off**



**EC406 100 PACK (5 lb) . . . . . \$9.99**



## Versatile And Efficient

# 1/4" & 1/8" Poly Tubing & Connectors 🙌

1/4" and 1/8" poly is used to branch off of 1/2" poly tubing to serve as a supply line to individual plants. Avoid using 1/4" poly tubing to feed several emitters along the same line of tubing, with the exception of inline emitters, as water flow at the end of each emitter will be reduced below stated output; flows to each emitter when separately branching off 1/2" poly are more consistent.


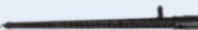

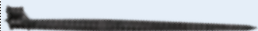

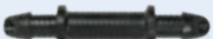





**IRP250 1/4" POLY TUBING, 100' ROLL** (2 lb) ..... **\$6.99**

**IRP255 1/4" POLY TUBING, 500' ROLL** (9 lb) ..... **\$29.99**

**10+ (500' roll)** ..... **10% off**

**IRP200 1/8" POLY TUBING, 100' ROLL** (2 lb) ..... **\$6.99**



Part #	Picture	Description	Price
<b>IRR642 (12")</b> <b>IRR648 (18")</b> (0.025 lb)		<b>1/4" Riser Tubes</b> 1/4" Riser tubes raise level of O-Jets. Can be cut to any size.	<b>12" - \$0.20</b> <b>18" - \$0.25</b>
<b>IRR611</b> (0.01 lb)		<b>O-Jet Sprayer Spike Stake</b> 5" spike stake allows secure installation of O-Jet sprayers on 1/4" risers.	<b>\$0.49</b>
<b>IRR605</b> (0.01 lb)		<b>Short Stake</b> Holds 1/4" poly tubing securely in place.	<b>\$0.33</b>
<b>IRR609</b> (0.075 lb)		<b>Irrigation Stake For 1/4" Poly, 12" Long</b> Supports 1/4" poly tubing with O-Jets, Ultra-Jets or Mini-Sprinklers. Attach 1/4" poly tubing to 1/2" poly with 1/4" barbed coupler (included). Gives greater flexibility in positioning sprayers.	<b>\$0.79</b>
<b>IRC210</b> (0.002 lb)		<b>1/4" Barbed Coupler</b> Attaches 1/4" tubing to 1/2" poly tubing.	<b>\$0.33</b>
<b>IRC211</b> (0.002 lb)		<b>1/4" Barbed Coupler-Heavy Duty</b> Functions same as 1/4" barbed coupler (IRC210) above, except more heavy-duty.	<b>\$0.15</b>
<b>IRR650</b> (0.002 lb)		<b>1/4" Threaded Barbs</b> Attaches riser tube to 1/4" poly tubing.	<b>\$0.20</b>
<b>IRC230</b> (0.002 lb)		<b>1/8" Barbed Coupler</b> Attaches 1/8" tubing to 1/2" poly tubing. One end of the coupler inserts into the end of the 1/8" tubing and the other end of the coupler pokes through the wall of the 1/2" poly tubing. Use with the Aquatic Tri-Tip Sprayers and 1/8" poly tubing.	<b>\$0.19</b>
<b>IRC220</b> (0.003 lb)		<b>1/4" Tee</b> Attaches to 1/4" tubing to make a 3-way connection.	<b>\$0.35</b>
<b>IRC215</b> (0.002 lb)		<b>1/4" Elbow</b> Attaches to 1/4" tubing to make a 90° angle.	<b>\$0.25</b>
<b>IRH415</b> (0.005 lb)		<b>Vari-Flow™</b> 1/4" In-Line Valve. Attaches to 1/4" tubing to shut off the water supply in the line.	<b>\$0.89</b>

**BUY BIG, SAVE BIG** 1/4" & 1/8" tubing fittings

10-49 ..... 10% off

50-99 ..... 20% off

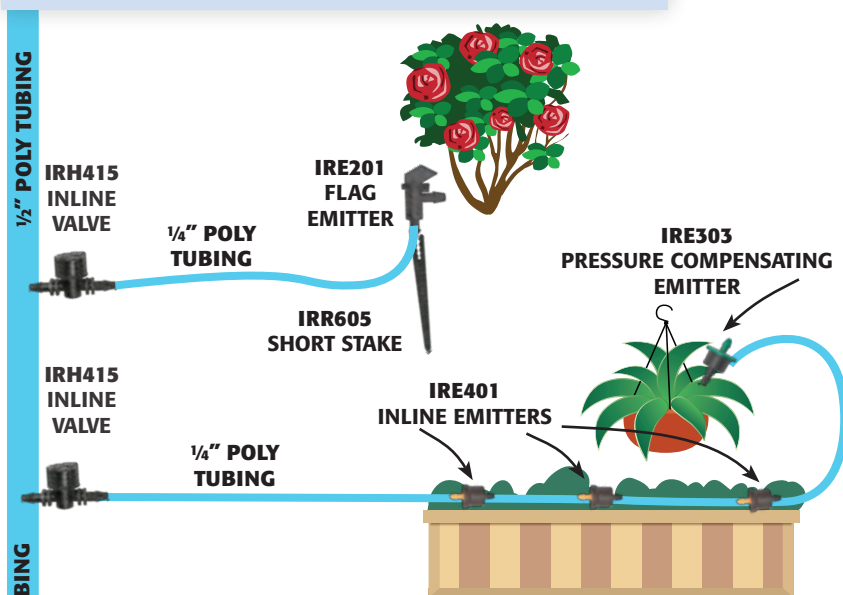
100+ ..... 25% off

With the right size poly tubing and connectors, emitters and sprayers, you can deliver the right amount of water to your plants in the most efficient way. From raised beds to individual plants in the ground or in a planter, a drip system can fulfill all your watering needs.



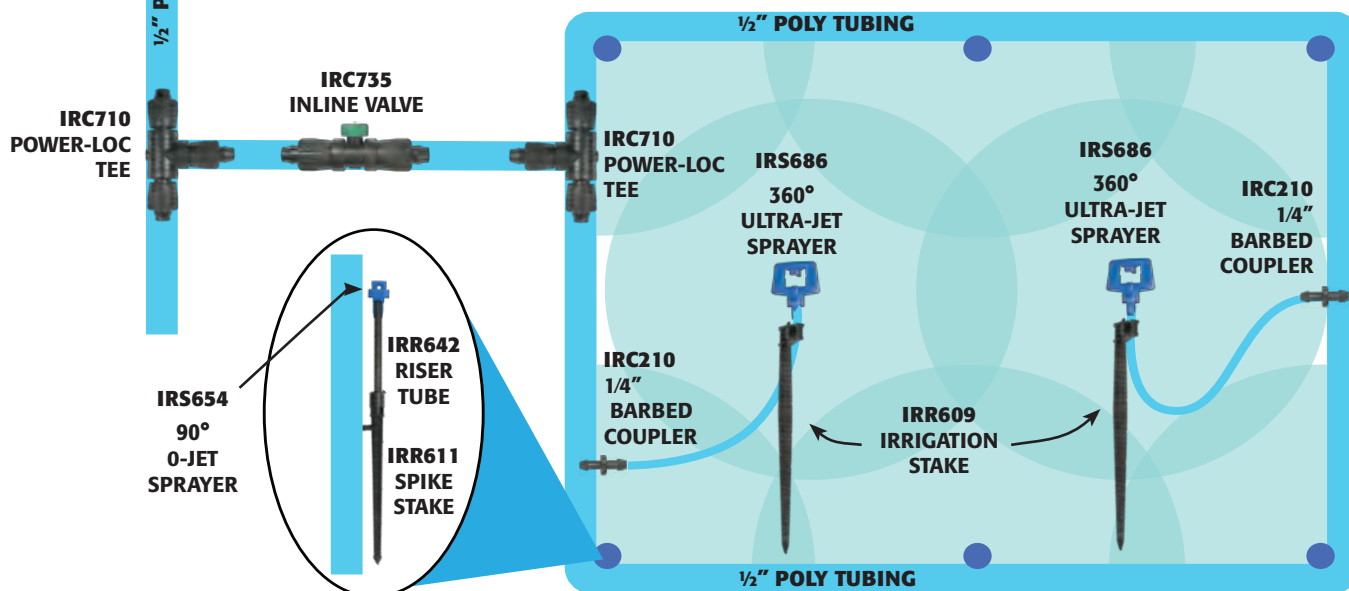
**\$11<sup>99</sup> FLAT RATE SHIPPING**

per 40 lb box. See pg. 9 for details.  
through 4/30/2014



**Find Mini-Sprinklers,  
Sprayers and Emitters on  
the following pages.**

Shown here -  
Micro Sprayer with Flow Control



**Browse over 5000 products at**

**GrowOrganic.com**



## Micro-Spray

# Mini-Sprinklers & Sprayers

There are many ways to set-up these versatile micro sprinklers & sprayers.

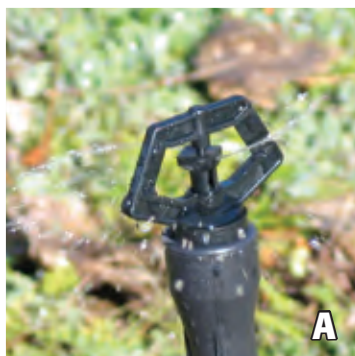
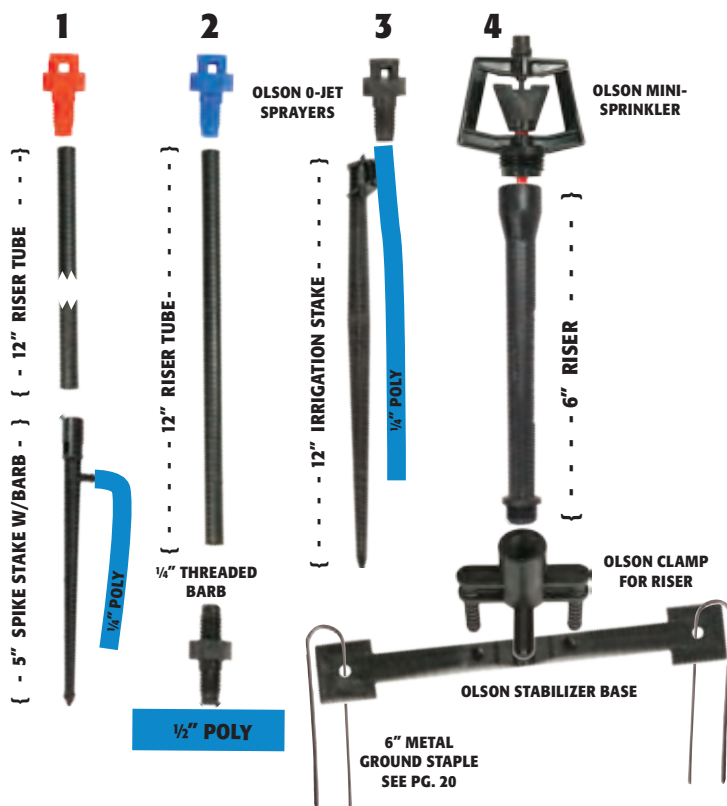
**Set Up 1 - Connect to Riser Tube w/Stake:** Connect any of the threaded sprayers to the end of a riser tube (IRR642 or IRR648, 12" or 18") installed on the Spike Stake (IRR611) (which includes a barb that can insert directly into 1/4" poly or into the side of 1/2" poly).

**Set Up 2 - Connect to Riser Tube w/Threaded Coupler** Sprayers on riser tubes may also be connected directly into 1/2" poly tubing with a 1/4" threaded barb (IRR650).

**Set Up 3 - Connect to 1/4" Poly** Connect any of the threaded sprayers directly onto the end of 1/4" poly tubing held by a 12" irrigation stake (IRR609) and connected to 1/2" poly with 1/4" barbed coupler (IRC210/211).


**Set Up 4 - For Olson Mini-Sprinklers only.** You can also use an Olson riser, a clamp that pokes a hole directly into the tubing, and a base to stabilize the set-up. Hold to the ground by ground staples. See chart below.

See page 28 for riser tubes, stakes and connectors.



## A | Olson Mini-Sprinklers

3/8" thread with full circle irrigation delivered by a central wing style rotor.

Part Number	PSI	GPH	Spray Dia.	Price	Spray Pattern
IRS620 (Black)	10-30	4.4 - 7.3	11' - 17'	\$1.49	 360°
IRS619 (Red)		17.6 - 30.5	19' - 26'		
BUY BIG, SAVE BIG Mix & Match Olson Mini Sprinklers (above)					
10-49 ... 10% off		50-99 ... 20% off		100+ ... 25% off	





GrowOrganic.com/video

Irrigation Maintenance

Part #	Picture	Olson Mini-Sprinklers Accessories	Price
IRR615		<b>Olson Riser, 3/8" x 6"</b> For use with Olson mini-sprinklers only. Attaches to clamp and base. Risers screw together for additional height.	\$0.99
IRR628		<b>Olson Clamp For 3/8" Sprinkler Riser</b> Clamp holds riser to base and transfers water from poly tubing to mini-sprinkler.	\$1.19
IRR620		<b>Olson Stabilizer Base For Clamp</b> Stabilizes sprinkler assembly on the ground. Can use ground staples for additional stability.	\$0.59





## B | Olson Ultra-Jet Sprayers

Ultra-Jets are used for ground covers, under trees, and in areas that need moderate water coverage. The Ultra-Jet provides stream type spray.

Part Number	PSI	GPH	Spray Dia.	Price	Spray Pattern
<b>IRS692</b> <i>(Red)</i>	<b>10</b>	<b>17.6</b>	<b>16'</b>	<b>\$0.49</b>	 <b>360°</b>
<b>IRS686</b> <i>(Blue)</i>		<b>6.8</b>	<b>10'</b>		
<b>IRS680</b> <i>(Black)</i>		<b>4.5</b>	<b>8'</b>		
<b>IRS694</b> <i>(Red)</i>		<b>17.6</b>	<b>17'</b>		 <b>180°</b>
<b>IRS688</b> <i>(Blue)</i>		<b>6.8</b>	<b>10'</b>		
<b>IRS682</b> <i>(Black)</i>		<b>4.5</b>	<b>8'</b>		
<b>BUY BIG, SAVE BIG</b> <i>Mix &amp; Match Olson Ultra-Jet Sprayers (above)</i>					
<b>10-49 ... 10% off</b>	<b>50-99 ... 20% off</b>	<b>100+ ... 25% off</b>			




## C | Olson O-Jet Sprayers

O-Jet Sprayers are used for ground covers and areas that need full water coverage. A deflection cap creates a fan spray pattern that thoroughly saturates the area at a lower pressure than conventional sprinklers.

Part Number	PSI	GPH	Spray Dia.	Price	Spray Pattern
<b>IRS664</b> <i>(Red)</i>	<b>10</b>	<b>18.2</b>	<b>18'</b>	<b>\$0.20</b>	 <b>90°</b>
<b>IRS654</b> <i>(Blue)</i>		<b>7.0</b>	<b>10'</b>		
<b>IRS644</b> <i>(Black)</i>		<b>4.4</b>	<b>7'</b>		
<b>IRS662</b> <i>(Red)</i>		<b>18.2</b>	<b>11'</b>		 <b>180°</b>
<b>IRS652</b> <i>(Blue)</i>		<b>7.0</b>	<b>7'</b>		
<b>IRS642</b> <i>(Black)</i>		<b>4.4</b>	<b>6'</b>		
<b>IRS660</b> <i>(Red)</i>		<b>18.2</b>	<b>10'</b>		 <b>300°</b>
<b>IRS650</b> <i>(Blue)</i>		<b>7.0</b>	<b>7'</b>		
<b>IRS640</b> <i>(Black)</i>		<b>4.4</b>	<b>6'</b>		
<b>IRS669</b> <i>(Red)</i>		<b>18.2</b>	<b>12'</b>		 <b>30°/ 30°</b>
<b>IRS659</b> <i>(Blue)</i>		<b>7.0</b>	<b>10'</b>		
<b>IRS649</b> <i>(Black)</i>		<b>4.4</b>	<b>7'</b>		
<b>BUY BIG, SAVE BIG</b> <i>Mix &amp; Match Olson O-Jet Sprayers (above)</i>					
<b>10-49 ... 10% off   50-99 ... 20% off   100+ ... 25% off</b>					

## D | Micro-Sprayers With Flow Control

Where customized emitter flows are needed. Vari-Jets™ combine a threaded barb base, spray cap, and flow valve in one unit that is installed the same way as the O-Jet Sprayers. Three spray patterns are available and the throw radius and GPH are easily adjusted down to zero using the built-in ball valve. Optimal operating pressure is 20 PSI.

Part Number	PSI	GPH	Spray Dia.	Price	Spray Pattern
IRS700 (Black)	20	0-24.5	Up to 13"	\$1.79	 360°
IRS705 (Black)		0-24.5	Up to 10"		 180°
IRS710 (Black)		0-24.5	Up to 10"		 90°
BUY BIG, SAVE BIG Mix & Match Micro Sprayers (above)					
10-49 ... 10% off		50-99... 20% off		100+... 25% off	



**B**



**C**



**D**







**Spectrum Spray 360**

Use to cover a circular area in an even coat of water. Emitters attach to 1/2" or 1/4" poly to deliver water to landscape or garden. Emits water in a full 360° pattern. Adjustable from 0-20 GPH and up to a 6" radius.

- IRS800** emitter only (0.005 lb) .....**\$0.79**  
**IRS805** emitter on stake, includes 1/4" barbed coupler (0.005 lb) **\$0.99**  
**10-49** .... **10% off**    **50-99** ..... **20% off**    **100+** ....**25% off**

**Shrubbler® On A Stake** 🌿

Irrigation of trees & shrubs. This adjustable spray head is permanently mounted on a 4.5" riser stake for watering shrubs and trees. At 25 PSI, it can deliver up to 13 GPH in a full circle pattern or be dialed to any output within its range or shut off. Both volume and distance are adjustable. Sprays to a maximum of 6", depending upon water pressure. It comes with a removable transfer barb to install with 1/4" tubing.

- IRE205** (0.02 lb) .....**\$0.89**  
**10-49** .... **10% off**    **50-99** ..... **20% off**    **100+** ....**25% off**

**Aquatic Tri-Tip Sprayers**

Ideal for irrigating containers. Ingenious device that provides a choice of three flow rates and a 4.75" stake in one unit. Three flow tips deliver low (4.8 GPH), medium (7.8 GPH) or high (10.8 GPH) flows at 10 PSI. Choose which flow tip you want to use and insert one end of a piece of 1/8" poly tubing onto that tip and connect the other end of the 1/8" tubing to 1/2" poly tubing with an 1/8" barbed coupler. Push the stake into individual containers, field grown stock, or potted plants on your deck. Each flow tip produces an even, flat spray, ideal for consistent application of water and nutrients. Spray pattern size can be adjusted by changing the depth the stake is pushed into the soil. To turn off individual Tri-Tips, remove the 1/8" poly line from the flow tip & place it on the solid shut off tip.

- IRE250 SPRAYERS** (0.02 lb) .....**\$0.69**  
**10-49** .... **10% off**    **50-99** ..... **20% off**    **100+** ....**25% off**

**Fogger-Mister**

For misting greenhouse seedlings. Install these misting emitters anywhere you need an extremely fine spray on delicate seedlings or plants, or to create high humidity. Attach to 1/2" poly tubing using 1/4" emitter fittings and poly tubing. Manufacturer's recommended flow rate is 2 GPH at 20 PSI.

- IRE200** (0.005 lb) .....**\$0.99**  
**10-49** .... **10% off**    **50-99** ..... **20% off**    **100+** ....**25% off**

Drip By Drip

# Emitters

Flag Emitters

Where water delivery to an individual plant is needed. Emitters attach to 1/4" poly to deliver water to landscape or garden. Flag emitters are flushable and easy to clean out by removing the flag end. Install pointed end into water supply. The end where the water comes out can either be placed onto the ground (not stuck into the ground), or installed next to the plant with the help of a Short Stake (see pg. 28). Recommended pressure of 15 PSI.

PART #	GPH
IRE201 BLACK	1
IRE202 BLUE	2
IRE204 GREEN	4

**ALL FLAG EMITTERS** (0.001 lb) .....\$0.29  
10-49 .... 10% off    50-99 ..... 20% off    100+ .... .25% off



Mini-Flo Inline Emitters

Where customized emitter spacing is needed. Inline emitter with two 1/4" barbed ends which can be installed along 1/4" poly tubing. Distances between emitters may be

PART #	10 PSI	15 PSI	20 PSI	25 PSI
IRE401 YELLOW	.5 GPH	.6 GPH	.7 GPH	.8 GPH
IRE402 BLACK	1.0 GPH	1.1 GPH	1.2 GPH	1.4 GPH

customized to meet whatever needs you have including watering planter boxes, pots, or massed shrubs. Available in 0.5 or 1.0 GPH which operate at pressures between 10 and 25 PSI and are color coded for easy identification. To isolate certain pots or to adjust the discharge rate, install a 1/4" in-line valve.

**ALL MINI-FLO INLINE EMITTERS** (0.001 lb) .....\$0.59  
10-49 .... 10% off    50-99 ..... 20% off    100+ .... .25% off



CETA Pressure-Compensating Emitters

Where inconsistent water pressure is a problem. Delivers uniform flow rates over a range of 10-50 PSI. Turbulent flow path and self-flushing action resists plugging. The emitter can be taken apart for easy cleaning. Each emitter end has a 1/4" barb to attach into 1/2" or 1/4" poly tubing.

PART #	GPH	PSI
IRE301 RED	0.5	10-50 PSI
IRE302 BLACK	1	10-50 PSI
IRE303 GREEN	2	10-50 PSI

**ALL PRESSURE-COMPENSATING EMITTERS** (0.001 lb) .....\$0.59  
10-49 .... 10% off    50-99 ..... 20% off    100+ .... .25% off





# Ecological Pond & Septic Management



The online home of Peaceful Valley  
**GrowOrganic.com**

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**VIDEOS**

[GrowOrganic.com/video](http://GrowOrganic.com/video)

Organic Mosquito Control  
 Aquaculture

## **Pond Barley Mini Bales** *Barley Straw For Pond Maintenance*

Barley straw for pond maintenance. Keep ponds fresh, clear and clean all summer with all natural barley straw. Farmers find, often by accident, that a bale of straw in their farm pond keeps the water clear. Research over 15 years at the Center for Aquatic Plant Management has shown the effectiveness of barley straw in keeping pond water clear. Each Mini Bale treats up to 1,000 gallons of pond water. Package contents treats up to 2,000 gallons of pond water. Cleans ponds by reducing particles and odors. Allow one month for the bale to become effective. Replace each bale after 6 months of use. For continuous treatment, after 5 months, place a new bale next to the old one. Then remove the oldest one at the 6 month mark. For best results keep barley straw bale floating on the pond year round.



**ISO851 PACK OF 2 (1 lb)** .....\$9.99  
**10-59** ..... **10% off**      **60+** ..... **20% off**

## **Organicpond PureBacteria+™** *Muck Reducer*



A healthy pond reduces the potential for weed and algae growth. OMRI listed pureBacteria+™ can help your pond be healthier by balancing the nutrient load. Not an algicide or herbicide, the bacteria actually break down and “digest” organic matter. Apply early in the season as soon as water temperatures reach 50 degrees, and continue treatment monthly throughout the season. pureBACTERIA+™ is safe for people, pets, plants, fish and wildlife. There are NO water use restrictions. One quart treats one surface acre of water with an average depth of 4'. After consulting the label and then calculating how much to use, simply pour the product into the pond at several points along the shoreline.



**ISO885 QUART (3 lb)** .....\$49.99

## **Mosquito Bt Floating Donuts**

Bt for mosquitoes (small areas) Donut-shaped, floating “briquettes” release *Bacillus thuringiensis var israelensis* over a 30-day period to kill mosquito larvae in standing water. Use 1 donut per 100 sq ft of water surface.

**PBI220 PK OF 6 (0.5 lb)** ..... **\$11.99**

**PBI210 PK OF 20 (1.5 LB)** ..... **\$24.99**



## **Organicpond PureBlue™** **Pond Sunblock**

Organicpond pureBLUE™ limits the penetration and effect of sunlight penetrating the water, reducing the potential for weed and algae growth. Apply early in the season and maintain the color all season for the best results. In addition to limiting the effects of sun on algae growth, pureBLUE™ tints your pond a brilliant blue with the highest concentration of food grade dye of any pond dye on the market. pureBLUE™ is safe for people, pets, plants and wildlife. There are no water use restrictions. One gallon of pureBLUE™ treats 1,650,000 gallons of water or a 1 acre pond with an average depth of 5'.



**ISO855 GALLON (11 lb)** ..... **\$49.99**

## **Organicpond PureSeptic™**

pureSeptic™ is a patented, natural biological septic & drain line treatment. pureSeptic™ keeps septic systems happy by unleashing billions of naturally occurring strains of bacteria that thrive on the organics found in every waste-water system. The microbial activity in the septic tank converts the solids, including fats, into clear effluent. pureSeptic™ is much more powerful than other leading brands in that its bacteria actually eats paper, soap, etc. which disappear without any remnants left in the septic tank water system (97% pure water). Many other brands basically “emulsify” it. **Each bottle is a 16 month supply** for a 1,000 gal septic tank, which is a cost of only **\$3.12 per monthly treatment**. pureSeptic™ can also be used as a treatment for slow drains.



**ISO895 1/2 GALLON (5.5 lb)** ..... **\$59.99**

Handy!

## Water Accessories for The Home

### Dechlorinating Shower Filter

You deserve healthier water in every aspect of your daily life, not just the drinking water. Our Rainshow'r® CQ-1000 dechlorinating shower filter provides a long lasting solution to the problems associated with exposure to excessive amounts of chlorine. Its specially-formulated KDF®-55 filter media effectively removes 90% or more of chlorine from shower water. Once in contact with the KDF®-55, chlorine in the water converts into an environmentally safe and harmless soluble chloride. System tested and Certified by WQA against NSF/ ANSI Standard 177 for the Reduction of Free Chlorine.

**WOT820 FILTER** (1.75 lb)..... **\$44.99**

### Dechlorinating Filter Replacement

Replacement filters are easy to install "pop-in" cartridges. Lasts 5-7 months. Contains 15½ oz of KDF-55 and 1 oz of energized crystal. Molded in white ABS plastic.

**WOT821 Replacement Filter** (1.25 lb) .. **\$29.99**



### Gard'n Gro Dechlorinating Garden Filter

A product that eliminates the harsh toxic effects of chlorine in your garden. The Rainshow'r® Gard'n Gro is the premier garden dechlorinator. Promotes healthy plant nutrition and growth by returning the natural balance to your soil, compost, or mulch. Enhances the effectiveness of the non-chemical pest control methods. Protects ladybugs, lacewings, and beneficial nematodes. Features replaceable cartridge filters.

Prevents hose wear with a specially designed, shock absorbing hose saver. The Rainshow'r® Gard'n Gro will process 20,000 gallons of water and effectively removes over 85% of the chlorine from garden hose water. Designed for residential use only. Flow rates should not exceed 4 gallons per minute. *Note: Filter is for the garden only, and should not be considered a drinking water filter—it does not remove particulate matter or other water contaminants.*

**WOT800 DECHLORINATING GARDEN FILTER** (4 lb).....**\$69.99**

**WOT805 REPLACEMENT FILTERS, PAIR** (4 lb) .....**\$44.99**

**WOT810 PARTICULATE PRE-FILTER** (4 lb).....**\$49.99**



### Reotemp Soil Moisture Meter, 17"

The REOTEMP Soil Moisture Meter gives you the a relative wetter than or dryer than reading of your compost or soil sample by means of a sensor in the bottom of its 17 probe. Easy to operate, just insert the probe into the medium for immediate results. Keep in mind that only the tip of the probe is sensitive and the material being tested MUST come into direct contact with it to obtain accurate readings. Easy to calibrate, readings scale 0-10. Durable, heavy duty, all metal construction. Uses one AA battery.

**TM017** (2 lb) ..... **\$34.99**



### Bernoulli Shower Head

When you first hold a Bernoulli shower head in your hand you instantly feel the quality. The Bernoulli is made of solid non-scaling brass — solid, because it is built in America. This unique, water saving shower head delivers a powerful spray that feels like 5 GPM with only 2.5 GPM. Unlike other similar shower heads on the market, the Bernoulli Power Shower is designed and built to last with American craftsmanship — quality you can feel. Water conservation without that wimpy delivery.

The Bernoulli shower head is 2" long. The shower-head itself has an outer diameter of 1.5". Save water with this high power shower head. Perfect for use with shower filters. Made in the USA

**WOT822** (.5 lb) ..... **\$29.99**



### Taylor Wireless Rain Gauge & Thermometer

Monitor rain/sprinkler and temperature levels from inside your home. With up to 100' transmission range this meter tracks hourly, daily, weekly and monthly rainfall levels. Self-emptying, wireless rain collection cup has a built in temperature sensor. Minimum/maximum temperature and rainfall memory recall. Also functions as a sprinkler gauge. Outdoor thermometer range from -4 to 158°F and -40 to 70°C. Indoor thermometer range 14 to 158°F and -10 to 70°C. Programmable temperature alert. Displays rain icon and clock with calendar. Requires 4 AAA batteries: 2 each for receiver and rain collector (batteries not included).

**TM504** (1.25 lb)..... **\$34.99**

### Keep Water Out! Poly Whey Exterior Wood Finish

This tough, element-repelling finish creates a non-toxic, waterproof barrier and provides protection against mildew, mold, and harmful UV rays. A neutral odor, quick drying, and easy cleanup with soap and water make PolyWhey Exterior a durable, environmentally smart finish for all your exterior wood surfaces.

**G03000 1/2 GALLON** (3 lb) ..... **\$24.99**





# Aquaponics - Hydroponics & Aquaculture



Aquaponics is a highly sustainable method of producing food. It combines hydroponics (growing plants in water) and aquaculture (the farming of aquatic animals, usually fish) in a nearly closed loop system.

## About Aquaponics

Fish waste converts to fertilizer for your plants. The plants are grown without soil in a greenhouse, so you won't be battling common garden pests, and at the end of the day you get to harvest fresh vegetables as well as delicious fish.

This method is optimal for gardeners and farmers of any size and scope, and allows for far more food per square foot to be produced than with traditional methods. You can grow year round. The plants grow faster because the nutrients are so available to the roots, which stay warmer in the circulating water. Whether you're simply feeding a small family or producing for the market, there are aquaponic designs that fit your needs.

## Aquaponic System Plans *Exclusive to Peaceful Valley*

### NEW

Plans for Do It Yourself construction of high performance, budget, aquaponics systems. **The plans take advantage of locally sourced construction materials to save on system construction costs.** Easy to follow, step by step instructions and instructional video clips show you how to build the entire system, one step at a time, from start to finish. Build the system as designed or pick and choose the elements you want. Plans include step-by-step instructions, blueprints, and an instructional DVD for the assembling of select components. Instructions are included for:

- Seed Starting Table
- Ebb Flow Bell Siphon Table (aka Media Table)
- Deep Water Culture Troughs
- Dutch Bucket Line (Bato Bucket)
- Fish Raceway
- Seed Germination Chamber

**BO240 BLUEPRINTS WITH DVD (3 lb) ..... \$99.99**

## Local Shopping List

In addition to the specialized components you'll find in our catalog, you will need a variety of materials from your local lumber and plumbing supply store, all of which are detailed in the Aquaponic System Plans, such as:

- Construction Lumber
- Plumbing PVC Pipe and Fittings
- Fasteners

And when you're ready you'll need Fish Fingerlings!

## Greenhouse Supplies

The vast majority of aquaponics systems are set up within greenhouses. This allows for year-round growing. The greenhouse also serves as a barrier to most pests, making for easier gardening. Whether you use a 6' x 8' Redwood Greenhouse kit or build your own 5,000 sq ft greenhouse, aquaponics can work for you.

See Greenhouses online - [GrowOrganic.com](http://GrowOrganic.com)

The online home of Peaceful Valley  
**GrowOrganic.com**

## Organic Gardening Resource Center

*Extensive Library of Organic Gardening Knowledge*

[www.GrowOrganic.com/organic-gardening](http://www.GrowOrganic.com/organic-gardening)



**VIDEOS** [GrowOrganic.com/video](http://GrowOrganic.com/video)

Aquaponics



**ARTICLES** [GrowOrganic.com/blog](http://GrowOrganic.com/blog)

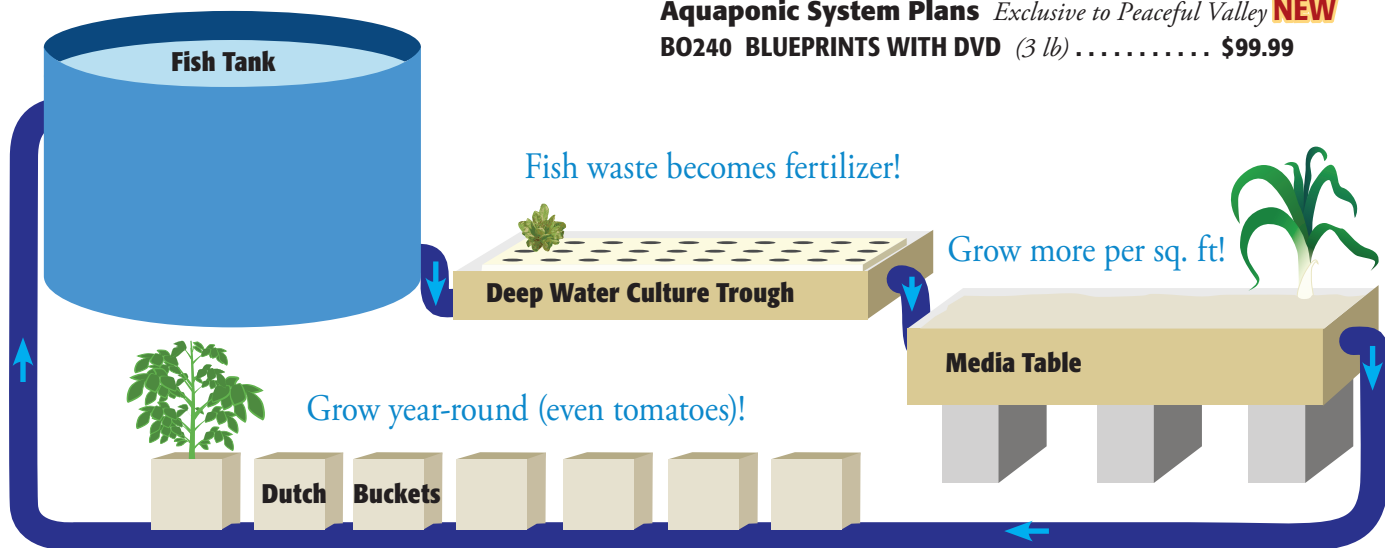
Aquaponics Basics

# Aquaponics System

Harvest fresh fish!

Create a system of *any size*, mixing and matching as few or as many deep water culture troughs, media tables, and dutch buckets as you like.

**Aquaponic System Plans** *Exclusive to Peaceful Valley* **NEW**  
**BO240 BLUEPRINTS WITH DVD** (3 lb) ..... \$99.99



**Fish Tank**



**Deep Water Culture Trough**



**Dutch Buckets**



**Media Table**



### Seed Starting Tray **NEW**

Rigid design allows these flats to be used without a carrying tray. Re-engineered for improved de-nesting and uniformity. Die-cut, centered drainage holes. Square plug flats can be used with most automatic seeders and transplanters. Indexed notches are standard for greater automation compatibility.

100 plug flat sheets per case, 98 square cells per sheet.

**GP030 21.25" X 11.25" X 2" TRAY (3 lb)..... \$2.99**



**Additional Seed Starting Trays online - [GrowOrganic.com](http://GrowOrganic.com)**

### Net Pots **NEW**

Excellent quality 2" diameter net pots are thicker and more heavy-duty than most others on the market. We chose these net pots for their wider rim with better support. The smaller mesh allows the grower to use virtually all types of grow media.

**GP1320 2" HIGH POTS**

**CASE OF 25 (0.3 lb) .... \$4.99**



### Dura-Skrim Liner **NEW**

Dura-Skrim liner is made of virgin outer layers of white high-strength polyethylene film laminated together with a black layer of molten polyethylene. Both outer layers contain UV inhibitors and thermal stabilizers to assure long outdoor life. The white layers are designed to reduce heat build up and condensation, and to provide excellent dimensional stability. A layer of polyester scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life. DURA-SKRIM's heavy-duty diamond reinforcement responds to tears immediately by surrounding and stopping the tear. Dura-Skrim is shrimp and fish safe.

We carry the R20W weight of Dura-Skrim in a range of widths and lengths.



**GP1350 6' X 25' (27 lb)..... \$69.98**

**GP1351 6' X 50' (44 lb).....\$138.00**

**GP1352 6' X 70' (54 lb).....\$188.00**

**GP1353 6' X 75' (63 lb).....\$198.00**

**GP1354 6' X 100' (74 lb)..... \$248.00**

**GP1355 11.5' X 100' (135 lb)..... \$448.00**

### Dutch Bucket **NEW**

The Dutch Bucket (also known as a Bato Bucket) has 2 elbows. The Dutch Buckets are designed to be fed by an emitter and measure 12 inches long, by 10 inches wide, by 9 inches tall. Dutch Buckets are made from food-grade polypropylene.

Included with the bucket are two small siphon elbows, to be installed in the bottom of the bucket. These elbows are installed to keep a small reservoir of nutrient in the bottom of the bucket, about 2 inches in depth. This nutrient reservoir keeps the growing media from drying out and prevents water stress on the plant between irrigation cycles. The buckets are designed to rest on a 1 1/2 inch PVC drain line, so the drain water is suctioned from the lowest level and discharged into a central drain line. This method allows the reservoir to be constantly replenished and prevents accumulation of stale nutrient solution. Dutch Buckets work well for very productive vegetable plants such as tomatoes, cucumbers, and peppers.

**GP1315 12" X 10" X 9" HIGH (2.5 lb) .....\$11.99**



### Water Pump 500 GPH **NEW**

This pump is a magnetically driven centrifugal water pump. It has no seals to wear and contains no oil. The pump can be used submerged or inline. Inline means connections are made directly to the pump inlet and outlet parts which have 1/2" NPT threads. All electrical components are encased in epoxy. The energy used is approximately half that of regular driven pumps. The prefilter foam is provided for situations where debris in the water could clog or damage the pump. This helps to give uninterrupted service. 500 GPH maximum flow. Maximum head height 10.5' (the maximum height the pump will be able to lift water at a low flow rate) 10' grounded power cord. 1/2" NPT Ceramic shaft. Foam pre-filter included. Five year limited warranty on the pump body, cover and filter. One year on the impeller and internal moving parts.

**E120 500 GPH WATER PUMP (3.5 lb).....\$108.00**



### Digital Soil Thermometer **NEW**

Improve your seedling and transplanting results by planting at the safe and proper soil temperature. Readings in Fahrenheit.

**TM920 (0.25 lb) ... \$17.99**



## Freshwater Test Kit **NEW**

This kit tests tap water and aquarium water for five different parameters that affect the health of freshwater fish: pH, High Range pH, Ammonia, Nitrite, and Nitrate. Highly accurate and economical; conduct over 800 tests with this kit. Unique, transparent dome allows clear view of contents. Includes all tests required to test the nitrogen cycle. Kit includes computer-calibrated and laminated color cards, 4 glass test tubes and holding tray. Also contains complete, step-by-step instruction booklet, including information on how to correct unsafe water conditions. Compact and easy to store.



**TM910 WATER TEST KIT** (1 lb) ..... **\$49.99**

## Digital Greenhouse Hygro Thermometer **NEW**

Indoor Outdoor Hygro Thermometer that also measures indoor humidity. Indoor temperature range from 14°F to 122°F (-10°C to 50°C) Outdoor range from -58°F to 158°F (-50°C to 70°C). It also measures indoor humidity with a range of 25% RH to 98% RH.

Mount the unit on an indoor wall with a screw and fix the sensor probe outdoors through the window or a small hole in the wall. The Active Air Hygro Thermometer has a large number LCD display that can be read from a distance. You can check the maximum or minimum indoor temperature and humidity or the outside temperature by simply pressing the respective side of the MAX-MIN switch on the front of the unit. The memory will show the corresponding maximum or minimum temperature and humidity of the period from the last reset. Reset the memory by pressing the reset switch. To convert from °F to °C, just flip the toggle switch on the back. Uses one AA battery (not included).



**TM925** (0.35 lb) ..... **\$24.99**



## Water Heater 400 Watt **NEW**

Plug this in and hang it over the edge of the aquarium to heat the water. The aquarium water heater has all the necessary features for safe and precise temperature maintenance of the water in your tank or reservoir. The exclusive technology and the high quality of the components make for a long lasting product. Comes with a 2 year manufacturer guarantee. Measurements: 1.8" wide, 16.4" high, 3.1" long

**GP1340 400 WATT HEATER** (0.75 lb) . **\$34.99**



## Free Seeds with Online Orders!

**2 Free Organic Veggie Seed Packs on orders over \$50\*** (\$5.98 Value!)

**5 Free Organic Veggie Seed Packs on orders over \$100\*** (\$14.95 Value!)

\*Offer valid on **in-stock** Peaceful Valley Farm & Garden Supply Organic Vegetable Seed Packs on **internet** orders only through 12/31/14, **while supplies last**. All online purchases qualify, except Gift Cards. Please note that the \$50 and \$100 thresholds are merchandise subtotal only (excluding sales tax & shipping). Offer limited to one order per week/customer.

## Floating Water Thermometer **NEW**

The Active Aqua floating thermometer delivers easy and accurate readings of your water temperature. No more worries about losing your tools to the depths of a pool or other body of water. This gauge floats and has a pressure sensitive backing for easy mounting. It features readings in both Celsius and Fahrenheit, as well as clear markings that delineate ideal nutrient temperature.

**TM915** (0.15 lb)..... **\$2.99**



## Ultimate Organic Fish Food Pellets **NEW**

Ultimate Organic Fish Food is USDA certified organic, GMO free, soy free, land-based animal free and fish meal free.

It is quite possibly the most sustainable fish food currently available in the US. Formulated for omnivorous and herbivorous fish species such as tilapia, koi, carp, catfish, bluegill and many African, South American and Central American Cichlid species. Feed at the rate equal to 3.0% of the live weight of the fish. Fish may be fed once or twice per day well after sunrise and before dusk. Fish should consume all food in less than 30 minutes. For ornamental fish you will likely feed a lower percentage daily. Fish will usually consume more when the water temperature is 70 to 85 degrees Fahrenheit. Store in a cool, dry place. Approximately 1/4" size, but varies from pellet to pellet. See analysis and full list of ingredients online. GrowOrganic.com



**AD400 10 LB FISH FOOD** (12 lb)..... **\$34.99**

**AD401 20 LB FISH FOOD** (22 lb)..... **\$59.99**



## Learn More "Growing" Videos Soil

- How to Start a Garden
- Soil Testing
- Double Digging
- Fertilizing Organically

## Sow

- Seed Starting
- Seed Germination - Scarification, Stratification & Soaking
- Soil Blocks

## Raise

- Planting Vegetables
- Container Gardens - Herbs

## Transplant

- Planting Vegetables
- Container Gardens—Herbs

## Support

- Plant Support Options

## Protect

- Direct Seeding and Frost Protection
- Frost Protection - Low Tunnels

## Suppress

- Sheet Mulching
- Organic Weed Control - Mulch, Corn Gluten Meal, Flamers and More!



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Growing  
Catalog  
to shop growing  
essentials  
for your garden!**

**[GrowOrganic.com/catalogs](http://GrowOrganic.com/catalogs)**





**Peaceful Valley Brand**



See it *in action!*



**Ladbroke Soil Blockers**

## Ladbroke 2" Soil Blocker

Popular size makes four 2" blocks at a stroke. Use it for starting seeds or for "potting on" seedlings.

**GP044 (2 lb) ..... \$29.99**

## Minifarm Box™ Kits



These modular Minifarm Boxes™ can be assembled in 10 minutes without tools! All FSC 2" x 6" Certified Cedar. Use the extender kits to create the perfect size for you. Hook up the irrigation kits and you're all set to grow! Raised bed shown above is 4' wide x 4' long x 11" deep

**GP1500 4' x 4' x 11" Ships by itself (Flat rate shipping \$15)..... \$168.00**

## Hortonova Plastic Trellis

**Sizes available range from a small package to 3280' roll! 🍷**

Hortonova trellis comes in a 6" x 6" or 6" x 7" mesh size. It is available in sizes suitable for any gardener from the backyard to the farm. Sizes range from a small package of 6.5' x 15' to rolls from 36" wide to 79" wide by 328' long to 3280' long.

**GP946 6.5' x 15' (1 lb)..... \$15.99**

**GP947 36" x 328' (3 lb) .... \$49.99**

**10+ ..... 10% off**



**Hortonova Trellis**

## Agribon™ Row Cover

**Available with 5 levels of protection and too many sizes to mention!**

- Offers 4°F to 8°F of Frost Protection
- Allows 50% - 90% of Light Transmittance
- Allows Water to Penetrate
- Shelters Sensitive Plants

## Agribon™ Frost Blankets

Insulate fruit trees, shrubs and vegetable crops from frost damage and low temperatures with our heaviest Agribon™ AG-50 blankets. Lasts for many seasons.

**SER1086 SM 7'x7' PK OF 5 .... \$29.99**

**SER1087 MED 14'x14' PK OF 2 .. \$39.99**

**SER1088 LG 26'x26' PK OF 1 ... \$59.99**

**10+ ..... 10% off**

## More product info online

The online home of Peaceful Valley  
**GrowOrganic.com**

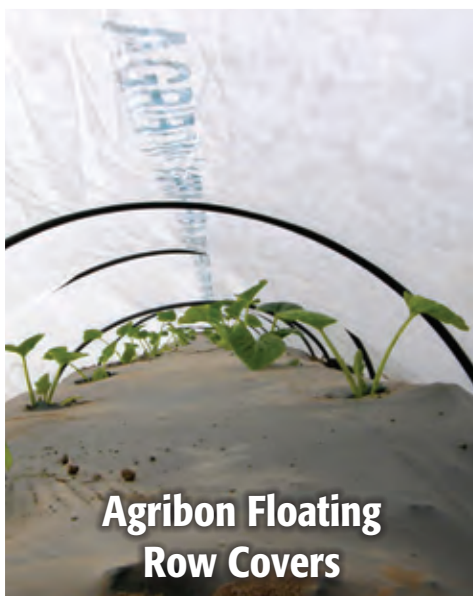


**Growing**

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**Seed Starting Trays**



**Agribon Floating Row Covers**





## "Fertilizer" Videos Start with the Soil

- How to Start a Garden
- Soil Testing
- Fertilizing Organically

## Add Organic Matter

- Composting 101
- How to Make Compost Tea

## Fertilize

- Seedling Care
- Plant and Grow Tomatoes
- Fertilizing Fruit Trees

## Inoculate

- Compost Tea Brewing
- How to Make Compost Tea

## Foliar & Fertigation

- Fertigation
- Measuring Water Pressure and Flow
- Irrigation Maintenance
- Fertilizing Organically

## Cover Crop

- Cover Crop for the Garden
- Green Manure



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**Fertigation with  
Add-It Injector**



**Composting**



**E.B. Stone Products**

**Download the  
Fertilizer  
Catalog  
to find organic  
fertilizer options  
for your garden!**

**[GrowOrganic.com/catalogs](http://GrowOrganic.com/catalogs)**



**Down To Earth Products**



**Dr. Earth Products**





**Powdered & Pelletized Fertilizers**



**Peaceful Valley Brand**

## PVFS Liquid Fish

Best Choice in Liquid Fish. Enzymatically digested using a low pH, low heat process which insures that the natural organic compounds are left intact while eliminating bacterial breakdown. Produced on the Northern CA coast, recycling by-product fish waste into a rich fertilizer, which was once dumped into landfills.

**F1335 1 GALLON (10 lb) ... \$12.99**

**10+ ..... 20% off**

## PVFS Organic Liquid Kelp

Cold-processed liquid kelp. Enzymatically digested, concentrated liquid extract of California Bull Kelp, internationally recognized for its high concentration of active compounds that greatly stimulate the growth and productivity of plants and harvested from kelp beds in the Pacific Ocean off the Northern coast of CA.

**F1330 1 QT (3 lb)..... \$9.99**

**F1331 1 GAL (10 lbs)..... \$19.99**

**10+ ..... 20% off**

## PVFS Compost Tea Brewer

(As seen in our video "Compost Tea Brewing" & pictured to left)

Most of our customers have heard about the incredible benefits of fresh, high quality, home-brewed compost tea, but not everyone knows how easy and inexpensive a process it can actually be. With our brew kit, for pennies a gallon, you can produce your own compost tea exactly how you want it, when you want it.

**E140 (14 lb) ..... \$74.99**



**Compost Tea Brewers**



**Fertilizers**

GrowOrganic.com

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**Composting with Worms**



**Lab Soil Analysis**



## Soil Analysis

Smart growers know that soil tests pay for themselves in increased productivity and targeted fertilizing that is made possible by a specific diagnosis of the soil's strengths and weaknesses. Many years of soil audits on hundreds of different soils across the country have given us the expertise to develop a unique soil analysis package, appropriate for growers of all sizes. Now comes with PVFGS's booklet Understanding Your Soil Analysis Report which provides the information you'll need to address your soil's needs organically.

**SVS100 NPK ANALYSIS ..... \$29.98**

**SVS200 COMPLETE ANALYSIS . \$49.98**

## More product info online

The online home of Peaceful Valley  
**GrowOrganic.com**





## "Tools & Weed Control" Videos

- Organic Weed Control
- Winter Garden Tips

## Tools

- How To Sharpen Tools
- How to Take A Soil Sample

## Prune

- Pruning 101
- How to Prune Fruit Trees
- How to Prune Apples & Pears
- Pruning Cherry & Apricot Trees
- Grape Pruning - Summer
- Pruning Grapevines
- Summer Pruning & Thinning
- Tomato Pruning & Diseases

## Cultivate

- Wheel Hoes

## Spray & Dust

- Fruit Tree Spraying
- Integrated Pest Management
- Seedling Care • Soil Blocks
- Foliar Feeding and Fertigation



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**Harvest Equipment**



**Gas Powered  
BCS Rototillers**



**Quality Hand Tools**



**Rubber Tubs and  
Gardening Containers**

# Download the Tools & Weed Control Catalog

**to find the best  
tools and organic  
weed solutions!**

**[GrowOrganic.com/catalogs](http://GrowOrganic.com/catalogs)**



**Wheel Hoes**

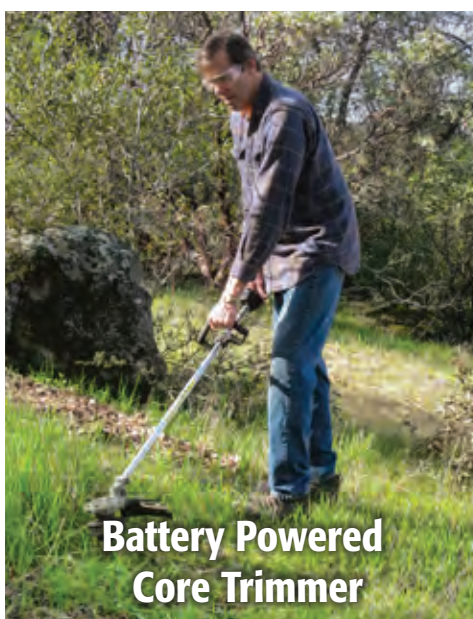




**Organic Weed Control**



**The Best Pruners**



**Battery Powered Core Trimmer**



**Hats and Gloves for Protection**



**Heavy Duty Broadforks**

## Zenport Pruner #6

3/4" diameter cutting capacity. Designed for those with smaller hands who may prefer a smaller, lighter pruner. The anvil blade is screw-mounted for easy replacement. The shorter blades facilitate closer cutting to the stem of the plant.

**PZ006 (.6 lb) ..... \$29.99**

## Core Trimmer

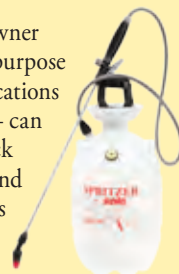
Electric trimmer is cordless, with its own battery. Roam around your garden without worrying about cords, noise, or exhaust fumes. Comes with one battery. 5 year warranty.

- Whisper quiet - 57 decibels
- 25% more torque than a 25cc 2-cycle trimmer
- 12 pounds total weight
- 30% lighter than average
- 74" overall length
- Rated at 10,000 hours of motor life.

**ET100 (Flat Rate Shipping \$30) . \$288.00**

## Solo 2 Gal Spritzer Sprayer

This is the perfect homeowner sprayer. Ideal for general purpose spraying, gardening applications and pest control – AND – can be used to spray wood deck cleaners, as well as algae and mildew removers. Features easy-to-fill funnel top, pressure relief valve, durable wand and shut-off valve, and built-in wand retainer for easy storage. It also includes a plastic adjustable nozzle and a flat fan nozzle for multiple spraying tasks.



**GSD4302 (7 lb) ..... \$29.99**

## Spear & Jackson Tools

Since 1760, Spear & Jackson of Sheffield, England, has been hand forging garden tools to last a lifetime. A forged tool is strong because it is formed from one thick piece of metal in several re-heating operations. Tools come with a 10 year guarantee.

**GDS252 DIGGING FORK (5 lb) 3 can ship together, add \$5 ship charge. \$59.99**

**GDS251 DIGGING SPADE (5 lb) 3 can ship together, add \$5 ship charge. \$59.99**

## More product info online

The online home of Peaceful Valley  
**GrowOrganic.com**





## "Pest Control" Videos

### Monitor/Identify

- Integrated Pest Management

### Repel

- Bird, Deer and Gopher Control
- Organic Mosquito Control
- How To Make A Scarecrow

### Trap

- Codling Moth - How To Keep the Worms Away Organically
- Organic Mosquito Control and Fly Traps
- How to Get Rid of Ants
- Getting Rid of Gophers

### Beneficial Insects

- Beneficial Insects - General Predators
- Beneficial Insects - Parasitic Organisms

### Insecticides

- Organic Insect Control: Snails, Earwigs, Aphids, Woodlice and More

### Disease Control

- Fruit Tree Spraying
- Powdery Mildew - Organic Control



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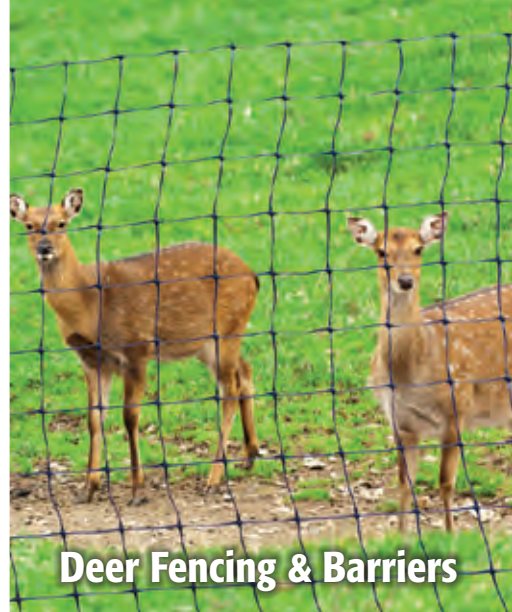
**Tools for Identification**



**Cultural Control**



**Traps & Mechanical Control**



**Deer Fencing & Barriers**

# Download the Pest Control Catalog

**to find organic  
pest solutions  
for your garden!**

**GrowOrganic.com/catalogs**



**Sprays & Chemical Control**





**Black & Red Mulching Film**



**Weed Flamers**

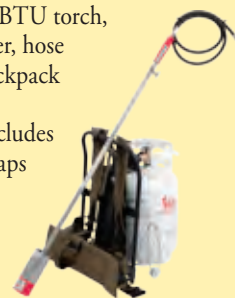


See it *in action!*

## Backpack Flamer Kit

Includes a 400,000 BTU torch, 3 gallon fuel cylinder, hose and fittings, and backpack frame. Lightweight, aluminum frame includes padded shoulder straps and a (non-padded) waistband.

**PWC511 (29 lb)**  
**\$199.00**



## Avenger Weed Killer

Avenger Weed Killer is an earth-friendly, citrus-oil based weed killer designed to meet the demands and needs of gardeners looking for an alternative to synthetic weed killers.

**PWC650**  
**RTU 24 OZ. (2 lb) . . . . \$9.99**



## Ladybugs

Ladybugs feast on both the adult and larval stages of many common garden pests. Boost your population of this favorite organic control. Price includes delivery via Priority Mail. Ships from supplier.

**PBE407 Approx. 4500 . . . . \$29.98**

**PBE400 Approx. 18000 . . . . \$49.98**



## Safer Caterpillar Killer

After ingesting the treated portion of the leaf, caterpillars stop feeding within a few hours and death occurs in a few days. Can be used the same day as harvest, and does not harm beneficial insects.

**PBI291 8 OZ BOTTLE (1 lb) . . \$11.99**



## Sluggo Plus Spinosad

Iron Phosphate and Spinosad bait kills earwigs, cutworms, sowbugs, pillbugs, slugs & snails. Environmentally friendly bait effectively kills many of the gardens most prolific pests.

**PMB814 2.5 LB**  
**BOTTLE (2.75 lb) . . \$19.99**



## More product info online

The online home of Peaceful Valley  
**GrowOrganic.com**



**Beneficial Insects**



**Bird Netting**



**Integrated Pest Management**





## "Homestead" Videos

### Preserve/Can

- Applesauce From Tree To Jar
- Curing Olives
- Canning Green Beans
- Steam Juicing

### Dairy

- How To Make Goat Cheese
- How To Make Yogurt
- How To Make Mozzarella Cheese

### Dehydrate

- How To Dehydrate Food

### Grains/Sprouts

- How To Grow Sprouts
- How To Grow Cereal Grains At Home
- Wheat Harvest By Hand
- How To Make Sprouted Wheat Bread
- How To Grow Mushrooms Indoors

### Ferment

- How To Make Dill Pickles
- How To Make Sauerkraut

### Chickens/Bees

- Raising Chickens
- Beekeeping for Beginners - Hive Set Up
- Beekeeping for Beginners - Adding Bees



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**Beekeeping**



**Fruit Crusher**



**Sprouting Kits and Seeds**

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to find sustainable  
ways to preserve  
and process your  
garden harvest!**

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**BPA - Free Weck Jars**



**Breville Kitchen Appliances**





**Hot Bath & Pressure Canners**



**Roma Sauce Maker**



See it *in action!*

## Roma Sauce Maker And Food Strainer

An indispensable tool for the home cook and gardener! With it, you can quickly and easily make healthy homemade sauces, jams, jellies, wines, juices and even purees for baby foods from just about any fruit or vegetable. No more peeling or coring.

**HM100 (7 lb) ..... \$49.99**

## Gourmet Home Dairy Cheese Kit

This kit is for novice cheesemakers and success is guaranteed!! With it, you will be able to make 12 varieties of soft fresh cheeses and other dairy treats, such as Cream Cheese, Sour Cream, Yogurt, Fromage Blanc, Creme Fraiche, Mascarpone, Lemon Cheese, Herb Cheeses, Buttermilk, Kefir, Panir, Queso Blanco.

**HM615 (13 lb) ..... \$89.99**

## Excalibur Dehydrator

Made in California, out of bpa-free plastic. Excalibur® dehydrators offer the best performance, quality and durability of any of the dehydrators on the market. Dry fruits, vegetables, herbs and flowers. Make fruit leathers, trail mix and jerky. You can even use it to make yogurt or cure epoxies and clay. The unit is easy to clean. Each tray slides in and out and can be removed for drying larger items. Units measure 12.5" x 17" x 19" and have nine trays. HM311 comes with a 26 hour timer. 10 year warranty.

**HM310B BLACK (22 lb) ... \$249.95**

**HM310W WHITE (22 lb) .. \$249.95**

**HM311W WHITE WITH TIMER (22 lb)..... \$299.95**



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**Fermenting Crock**



**Excalibur Dehydrators**

**FREE SHIPPING**

**To Continental US on Excalibur Dehydrators**

## NESCO Dehydrators

### Snackmaster Dehydrator

Comes with 4 trays (13.5" dia. round) expandable to 12 trays. 500 watts of drying power generates maximum speed and quality for dehydrating fruits, vegetables, and jerky.

**HM325 SNACKMASTER (17 lb) ... \$79.99**

### Gardenmaster Dehydrator

"Top of the Line" unit! Comes with 4 trays (13.5" dia. round) expandable to 30 trays. 1000 watts of drying power means you can dry more, faster.

**HM320 GARDENMASTER (30 lb) . \$149.00**

## More product info online

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## "Seed" Videos

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- Seedling Care 201
- Direct Seeding and Frost Protection
- Seed Terms
- Seed Organization and Storage



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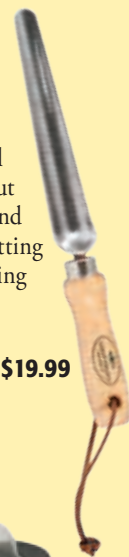
**Open Pollinated Wildflower Seeds**

## Widger Trowel

A cross between a trowel and a widger. This unique stainless steel tool will help in levering plants out of pots as well as planting seeds and seedlings. It's also fantastic for getting out the weeds that insist on growing right next to your perennials.

*Total length 12.75"*

**G0149 (.45 lb)..... \$19.99**



## Greenhouse Kit

An easy way to start seedlings while being environmentally friendly. Pour 32 oz. of warm water over the pellets, which will expand. Drain water, gently press a few seeds into each pellet, lightly water, and set greenhouse in a warm and bright location. Kit includes greenhouse tray, greenhouse dome, 20 FiberGrow pellets.

*10"l x 8"w x 3"h (with dome in position).*

**GP381 (.075 lb)..... \$5.99**

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## Cow Pots

Made with 100% renewable composted cow manure! Cow Pots are manure-fiber based seed starter pots, which allow for unrestricted root growth creating stronger, healthier plants. Just plant the pots.

**GP053 3" SQ POTS**  
**PK OF 18 (.75 lb)..... \$4.99**

**GP054 4" SQUARE POTS**  
**PK OF 12 (.75 lb)..... \$5.99**

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## More product info online

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# Peaceful Valley Organic Vegetable Seeds only \$2<sup>99</sup> each

Order in bulk or by the pack! Buying organic seed is important because it guarantees that your seeds will not be treated with fungicides. It also means you are supporting and encouraging seed farmers to stop using toxic chemicals.

**Grow organic and grow with confidence when you start with certified organic Peaceful Valley vegetable seeds.**



## Certified Organic

We offer over 300 varieties of certified organic, non-GMO fruit, vegetable, and cover crop seed to choose from!

**Non-GMO**



## Guaranteed To Germinate

Start your own seeds with confidence! Our seeds are guaranteed to sprout!

**300+ Varieties**



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**2 Free Organic Veggie Seed Packs on orders over \$50\*** (\$5.98 Value!)

**5 Free Organic Veggie Seed Packs on orders over \$100\*** (\$14.95 Value!)

\*Offer valid on **in-stock** Peaceful Valley Farm & Garden Supply Organic Vegetable Seed Packs on **internet** orders only through 12/31/14 **while supplies last**. All online purchases qualify, except Gift Cards. Please note that the \$50 and \$100 thresholds are merchandise subtotal only (excluding sales tax & shipping). Offer limited to one order per week/customer.

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